

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 10-Q

(Mark One)

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended September 30, 2021

OR

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from ____ to ____

001-38875

(Commission file number)

Greenlane Holdings, Inc.

(Exact name of registrant as specified in its charter)

Delaware

State or other jurisdiction of
incorporation or organization

1095 Broken Sound Parkway, Suite 300
Boca Raton, FL

(Address of principal executive offices)

83-0806637

(I.R.S. Employer
Identification No.)

33487

(Zip Code)

(877) 292-7660

Registrant's telephone number, including area code

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Class A Common Stock, \$0.01 par value per share	GNLN	Nasdaq Global Market

Indicate by check mark whether the registrant (1) has filed all reports to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the Registrant was required to submit such files). Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and

Large accelerated filer

Accelerated filer

Non-accelerated filer

Smaller reporting company

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes No

As of November 11, 2021, Greenlane Holdings, Inc. had 80,467,462 shares of Class A common stock outstanding and 21,800,270 shares of Class B common stock outstanding.

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PART I. FINANCIAL INFORMATION
ITEM 1. FINANCIAL STATEMENTS (UNAUDITED)

GREENLANE HOLDINGS, INC.
CONDENSED CONSOLIDATED BALANCE SHEETS
(in thousands, except par value per share amounts)

	September 30, 2021	December 31, 2020
	(Unaudited)	
ASSETS		
Current assets		
Cash	\$ 13,215	\$ 30,435
Accounts receivable, net of allowance of \$ 982 and \$1,084 at September 30, 2021 and December 31, 2020, respectively	15,213	6,330
Inventories, net	61,545	36,064
Vendor deposits	18,962	11,289
Assets held for sale	75	1,073
Other current assets (Note 8)	11,011	10,892
Total current assets	120,021	96,083
Property and equipment, net	19,627	12,201
Intangible assets, net	80,216	5,945
Goodwill	32,862	3,280
Operating lease right-of-use assets	9,668	3,104
Other assets	4,404	2,037
Total assets	\$ 266,798	\$ 122,650
LIABILITIES		
Current liabilities		
Accounts payable	\$ 16,607	\$ 18,405
Accrued expenses and other current liabilities (Note 8)	22,902	19,572
Customer deposits	6,517	2,729
Current portion of operating leases	2,977	966
Current portion of finance leases	180	184
Total current liabilities	49,183	41,856
Notes payable, less current portion and debt issuance costs, net	8,698	7,844
Operating leases, less current portion	7,047	2,524
Finance leases, less current portion	191	205
Other liabilities	1,487	964
Total long-term liabilities	17,423	11,537
Total liabilities	66,606	53,393
Commitments and contingencies (Note 7)		
STOCKHOLDERS' EQUITY		
Preferred stock, \$0.0001 par value, 10,000 shares authorized, none issued and outstanding	—	—
Class A common stock, \$0.01 par value per share, 600,000 shares authorized as of September 30, 2021 and 125,000 shares authorized as of December 31, 2020; 79,807 shares issued and outstanding as of September 30, 2021; 13,322 shares issued and outstanding as of December 31, 2020	798	133
Class B common stock, \$0.0001 par value per share, 30,000 shares authorized as of September 30, 2021 and 10,000 shares authorized as of December 31, 2020; 21,850 and 3,491 shares issued and outstanding as of September 30, 2021 and December 31, 2020, respectively	2	1
Class C common stock, \$0.0001 par value per share, 0 shares authorized as of September 30, 2021 and 100,000 shares authorized as of December 31, 2021; 0 and 76,039 shares issued and outstanding as of September 30, 2021 and December 31, 2020, respectively	—	8
Additional paid-in capital	222,107	39,742
Accumulated deficit	(48,628)	(24,848)
Accumulated other comprehensive income	92	29
Total stockholders' equity attributable to Greenlane Holdings, Inc.	174,371	15,065
Non-controlling interest	25,821	54,192
Total stockholders' equity	200,192	69,257
Total liabilities and stockholders' equity	\$ 266,798	\$ 122,650

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.

GREENLANE HOLDINGS, INC.
CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS AND COMPREHENSIVE LOSS
(Unaudited)
(in thousands, except per share amounts)

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2021	2020	2021	2020
Net sales	\$ 41,314	\$ 35,764	\$ 110,038	\$ 102,032
Cost of sales	41,192	33,297	94,832	85,419
Gross profit	122	2,467	15,206	16,613
Operating expenses:				
Salaries, benefits and payroll taxes	11,192	5,010	23,158	17,745
General and administrative	15,430	10,673	30,885	25,758
Goodwill impairment charge	—	—	—	8,996
Depreciation and amortization	1,199	599	2,385	1,959
Total operating expenses	27,821	16,282	56,428	54,458
Loss from operations	(27,699)	(13,815)	(41,222)	(37,845)
Other (expense) income, net:				
Interest expense	(119)	(115)	(368)	(335)
Other (expense) income, net	(894)	357	(690)	1,483
Total other (expense) income, net	(1,013)	242	(1,058)	1,148
Loss before income taxes	(28,712)	(13,573)	(42,280)	(36,697)
Provision for (benefit from) income taxes	3	220	(11)	147
Net loss	(28,715)	(13,793)	(42,269)	(36,844)
Less: Net loss attributable to non-controlling interest	(12,434)	(9,300)	(18,689)	(25,839)
Net loss attributable to Greenlane Holdings, Inc.	\$ (16,281)	\$ (4,493)	\$ (23,580)	\$ (11,005)
Net loss attributable to Class A common stock per share - basic and diluted (Note 9)	\$ (0.41)	\$ (0.35)	\$ (0.98)	\$ (0.95)
Weighted-average shares of Class A common stock outstanding - basic and diluted (Note 9)	39,735	12,798	24,061	11,559
Other comprehensive income (loss):				
Foreign currency translation adjustments	(147)	285	(59)	130
Unrealized gain (loss) on derivative instrument	52	35	256	(525)
Comprehensive loss	(28,810)	(13,473)	(42,072)	(37,239)
Less: Comprehensive loss attributable to non-controlling interest	(12,479)	(9,066)	(18,536)	(26,152)
Comprehensive loss attributable to Greenlane Holdings, Inc.	\$ (16,331)	\$ (4,407)	\$ (23,516)	\$ (11,087)

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.

GREENLANE HOLDINGS, INC.
CONDENSED CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY
(Unaudited)
(in thousands)

	Class A Common Stock		Class B Common Stock		Class C Common Stock		Additional Paid-in Capital	Accumulated Deficit	Accumulated Other Comprehensive Income (Loss)	Non- Controlling Interest	Total Stockholders' Equity
	Shares	Amount	Shares	Amount	Shares	Amount					
Balance, December 31, 2020	13,322	\$ 133	3,491	\$ 1	76,039	\$ 8	\$ 39,742	\$ (24,848)	\$ 29	\$ 54,192	\$ 69,257
Net loss	—	—	—	—	—	—	—	(4,256)	—	(3,458)	(7,714)
Equity-based compensation	226	2	—	—	—	—	180	—	—	324	506
Other comprehensive income	—	—	—	—	—	—	—	—	18	31	49
Issuance of Class A common stock for Eyee acquisition	426	4	—	—	—	—	2,001	—	—	—	2,005
Exchanges of noncontrolling interest for Class A common stock	2,368	24	(1,043)	—	(3,975)	(1)	5,774	—	—	(5,797)	—
Cancellation of Class B common stock due to forfeitures	—	—	(5)	—	—	—	8	—	—	(8)	—
Balance, March 31, 2021	16,342	163	2,443	1	72,064	7	47,705	(29,104)	47	45,284	64,103
Net loss	—	—	—	—	—	—	—	(3,043)	—	(2,797)	(5,840)
Equity-based compensation	(26)	—	—	—	—	—	161	—	—	246	407
Exchanges of noncontrolling interest for Class A common stock	595	6	(7)	—	(1,763)	—	977	—	—	(983)	—
Exercise of Class A common stock options	32	—	—	—	—	—	112	—	—	—	112
Member distributions	—	—	—	—	—	—	—	(200)	—	—	(200)
Other comprehensive income	—	—	—	—	—	—	—	—	96	147	243
Balance, June 30, 2021	16,943	169	2,436	1	70,301	7	48,955	(32,347)	143	41,897	58,825
Net loss	—	—	—	—	—	—	—	(16,281)	—	(12,434)	(28,715)
Equity-based compensation	(10)	—	—	—	—	—	2,036	—	—	1,772	3,808
Exchanges of noncontrolling interest for Class A common stock	4,019	40	(4,020)	(1)	—	—	5,331	—	—	(5,370)	—
Exercise of Class A common stock options and warrants	5,974	60	—	—	—	—	96	—	—	—	156
Conversion of Class C common stock	—	—	23,434	2	(70,301)	(7)	5	—	—	—	—
Issuance of Class A common stock, net of costs	52,871	529	—	—	—	—	165,684	—	—	—	166,213
Other comprehensive loss	—	—	—	—	—	—	—	—	(51)	(44)	(95)
Balance, September 30, 2021	79,797	\$ 798	21,859	\$ 2	—	\$ —	\$ 222,197	\$ (48,629)	\$ 92	\$ 25,821	\$ 206,192

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.

GREENLANE HOLDINGS, INC.
CONDENSED CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY
(Unaudited)
(in thousands)

	Class A Common Stock		Class B Common Stock		Class C Common Stock		Additional Paid-in Capital	Accumulated Deficit	Accumulated Other Comprehensive Loss	Non- Controlling Interest	Total Stockholders' Equity
	Shares	Amount	Shares	Amount	Shares	Amount					
Balance, December 31, 2019	9,812	\$ 98	5,975	\$ 1	77,791	\$ 8	\$ 32,108	\$ (9,727)	\$ (72)	\$ 91,848	\$ 114,264
Net loss	—	—	—	—	—	—	—	(4,461)	—	(12,278)	(16,739)
Equity-based compensation	—	—	—	—	—	—	64	—	—	206	270
Other comprehensive loss	—	—	—	—	—	—	—	—	(267)	(853)	(1,120)
Issuance of Class A common stock	480	5	—	—	—	—	1,496	—	—	—	1,501
Cancellation of Class B common stock due to forfeitures	—	—	(105)	—	—	—	223	—	—	(223)	—
Joint venture consolidation	—	—	—	—	—	—	—	—	—	189	189
Balance, March 31, 2020	10,292	103	5,870	1	77,791	8	33,891	(14,188)	(339)	78,889	98,365
Net loss	—	—	—	—	—	—	—	(2,051)	—	(4,261)	(6,312)
Equity-based compensation	—	—	—	—	—	—	220	—	—	672	892
Issuance of Class A common stock for the acquisition of Conscious Wholesale	171	2	—	—	—	—	485	—	—	—	487
Cancellation of Class B common stock due to equity-based compensation award forfeitures	—	—	(6)	—	—	—	9	—	—	(9)	—
Exchange of noncontrolling interest for Class A common stock	2,140	21	(2,140)	—	—	—	3,896	—	—	(3,917)	—
Other comprehensive income	—	—	—	—	—	—	—	—	99	306	405
Balance, June 30, 2020	12,603	126	3,724	1	77,791	8	38,501	(16,239)	(240)	71,680	93,837
Net loss	—	—	—	—	—	—	—	(4,493)	—	(9,300)	(13,793)
Equity-based compensation	—	—	—	—	—	—	(298)	—	—	(682)	(980)
Issuance of Class A common stock	35	1	—	—	—	—	75	—	—	—	76
Cancellation of Class B Common Stock related to equity-based compensation award forfeitures	—	—	(133)	—	—	—	221	—	—	(221)	—
Redemption of Common Units for Class A common stock	434	4	—	—	(1,302)	—	695	—	—	(699)	—
Other comprehensive income	—	—	—	—	—	—	—	—	86	234	320
Balance, September 30, 2020	<u>13,072</u>	<u>\$ 131</u>	<u>3,591</u>	<u>\$ 1</u>	<u>76,489</u>	<u>\$ 8</u>	<u>\$ 39,194</u>	<u>\$ (20,732)</u>	<u>\$ (154)</u>	<u>\$ 61,012</u>	<u>\$ 79,460</u>

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.

GREENLANE HOLDINGS, INC.
CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS
(Unaudited)
(in thousands)

	Nine Months Ended September 30,	
	2021	2020
Cash flows from operating activities:		
Net loss (including amounts attributable to non-controlling interest)	(42,269)	\$ (36,844)
Adjustments to reconcile net loss to net cash used in operating activities:		
Depreciation and amortization	2,385	1,959
Equity-based compensation expense	4,762	182
Goodwill impairment charge	—	8,996
Change in fair value of contingent consideration	755	(719)
Change in provision for doubtful accounts	318	766
Gain (loss) related to indemnification asset	(1,692)	2,200
Loss on disposal of assets	206	569
Other	327	242
Changes in operating assets and liabilities, net of the effect of acquisitions:		
(Increase) decrease in accounts receivable	(2,092)	886
Decrease in inventories	9,723	6,140
(Increase) decrease in vendor deposits	(661)	2,543
Decrease (increase) in other current assets	9,985	(6,217)
(Decrease) increase in accounts payable	(7,673)	6,653
(Decrease) increase in accrued expenses	(5,957)	9,558
(Decrease) in customer deposits	(145)	(670)
Net cash used in operating activities	(32,028)	(3,756)
Cash flows from investing activities:		
Purchase consideration paid for acquisitions, net of cash acquired	(12,284)	(1,841)
Purchase of property and equipment, net	(2,327)	(1,438)
Proceeds from sale of assets held for sale	675	—
Purchase of intangible assets	(320)	(300)
Net cash used in investing activities	(14,256)	(3,579)
Cash flows from financing activities:		
Member distributions	(200)	—
Proceeds from issuance of Class A common stock, net of costs	29,539	—
Proceeds from exercise of stock options and warrants	268	—
Repayments of notes payable	(414)	(145)
Other	(322)	(165)
Net cash provided by (used in) financing activities	28,871	(310)
Effects of exchange rate changes on cash	193	(135)
Net decrease in cash	(17,220)	(7,780)
Cash, as of beginning of the period	30,435	47,773
Cash, as of end of the period	\$ 13,215	\$ 39,993
Supplemental disclosures of cash flow information		
Cash paid for amounts included in the measurement of lease liabilities:		
Operating cash flows for operating leases	\$ 1,093	\$ 1,193
Lease liabilities arising from obtaining finance lease assets	\$ 119	\$ 272
Lease liabilities arising from obtaining operating lease right-of-use assets, net of the effect of acquisitions	\$ —	\$ 331
Non-cash investing and financing activities:		
Non-cash purchases of property and equipment	\$ 381	\$ —
Issuance of Class A common stock for acquisitions	\$ 125,496	\$ 1,988
Issuance of warrants and stock options for acquisition	\$ 13,182	\$ —
Issuance of promissory note for acquisition	\$ 2,503	\$ —
Issuance of contingent consideration for acquisition	\$ 1,828	\$ —
Decrease in non-controlling interest as a result of exchanges for Class A common stock	\$ (12,150)	\$ (4,616)

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.

GREENLANE HOLDINGS, INC.
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(Unaudited)

NOTE 1. BUSINESS OPERATIONS AND ORGANIZATION

Organization

Greenlane Holdings, Inc. ("Greenlane" and, collectively with the Operating Company (as defined below) and its consolidated subsidiaries, the "Company", "we", "us", and "our") was formed as a Delaware corporation on May 2, 2018. We are a holding company that was formed for the purpose of completing an underwritten initial public offering ("IPO") of shares of our Class A common stock, \$ 0.01 par value per share (the "Class A common stock"), in order to carry on the business of Greenlane Holdings, LLC (the "Operating Company"). The Operating Company was organized under the laws of the state of Delaware on September 1, 2015, and is based in Boca Raton, Florida. Unless the context otherwise requires, references to the "Company" refer to us, and our consolidated subsidiaries, including the Operating Company.

We are the sole manager of the Operating Company and our principal asset is Common Units of the Operating Company ("Common Units"). As the sole manager of the Operating Company, we operate and control all of the business and affairs of the Operating Company, and we conduct our business through the Operating Company and its subsidiaries. We have a board of directors and executive officers, but no employees. All of our assets are held and all of the employees are employed by the Operating Company.

We have the sole voting interest in, and control the management of, the Operating Company, and we have the obligation to absorb losses of, and receive benefits from, the Operating Company, that could be significant. We determined that the Operating Company is a variable interest entity ("VIE") and that we are the primary beneficiary of the Operating Company. Accordingly, pursuant to the VIE accounting model, beginning in the fiscal quarter ended June 30, 2019, we consolidated the Operating Company in our consolidated financial statements and reported a non-controlling interest related to the Common Units held by the members of the Operating Company (other than the Common Units held by us) on our consolidated financial statements.

On August 31, 2021, we completed our previously announced merger with KushCo Holdings, Inc. ("KushCo") and have included the results of operations of KushCo in our condensed consolidated statements of operations and comprehensive loss from that date forward. As such, the KushCo financial information included in our condensed consolidated financial statements for the three and nine months ended September 30, 2021 is for the period commencing on August 31, 2021 (the date of the closing of the merger) through September 30, 2021. Immediately following the merger with KushCo, stockholders that held Class A common stock prior to the completion of the merger owned 51.9% and former KushCo stockholders owned 48.1% of the equity of the combined company on a fully diluted basis. In connection with the merger with KushCo, the Greenlane Certificate of Incorporation was amended and restated (the "A&R Charter") in order to (i) increase the number of authorized shares of Greenlane Class B common stock, \$0.0001 par value per share (the "Class B Common stock"), from 10,000,000 shares to 30,000,000 shares in order to effect the conversion of each outstanding share of Class C common stock, \$0.0001 par value per share (the "Class C common stock"), into one-third of one share of Class B common stock, (ii) increase the number of authorized shares of Class A common stock from 125,000,000 shares to 600,000,000 shares, and (iii) eliminate references to the Class C common stock. Pursuant to the terms of an Agreement and Plan of Merger, dated as of March 31, 2021 (the "Merger Agreement") with KushCo, immediately prior to the consummation of the business combination, holders of Class C common stock received one-third of one share of Class B common stock for each share of Class C common stock held immediately prior to the closing of the merger. For further information about the merger with KushCo, see "Note 3 - Business Acquisitions."

We merchandise premium cannabis accessories, child-resistant packaging, specialty vaporization solutions and lifestyle products in the United States, Canada and Europe, serving a diverse and expansive customer base with more than 8,000 retail locations, including licensed cannabis dispensaries, smoke shops, and specialty retailers. We distribute to multi-state operators ("MSOs"), licensed producers ("LPs"), other retailers and brands through wholesale operations under our Industrial Goods division, and to consumers through both wholesale operations as well as e-commerce activities and our retail stores under our Consumer Goods division.

Our corporate structure is commonly referred to as an "Up-C" structure. The Up-C structure allows the members of the Operating Company to continue to realize tax benefits associated with owning interests in an entity that is treated as a partnership, or "pass-through" entity. One of these benefits is that future taxable income of the Operating Company that is allocated to its members will be taxed on a flow-through basis and therefore will not be subject to corporate taxes at the Operating Company entity level. Additionally, because the members may redeem their Common Units for shares of Class A common stock on a one-for-one basis or, at our option, for cash, the Up-C structure also provides the members with potential liquidity that holders of non-publicly traded limited liability companies are not typically afforded.

In connection with our initial public offering, we entered into a Tax Receivable Agreement (the "TRA") with the Operating Company and the Operating Company's members and a Registration Rights (the "Registration Rights Agreement") with the Operating Company's members. The TRA provides for the payment by us to the Operating Company's members of 85.0% of the amount of tax benefits, if any, that we may actually realize (or in some cases, are deemed to realize) as a result of (i) the

step-up in tax basis in our share of the Operating Company's assets resulting from the redemption of Common Units under the mechanism described above and (ii) certain other tax benefits attributable to payments made under the TRA. Pursuant to the Registration Rights Agreement, we have agreed to register the resale of shares of Class A common stock that are issuable to the Operating Company's members upon redemption or exchange of their Common Units.

The A&R Charter and the Third Amended and Restated Operating Agreement of the Operating Company (the "Operating Agreement") require that (a) we at all times maintain a ratio of one Common Unit owned by us for each share of our Class A common stock issued by us (subject to certain exceptions), and (b) the Operating Company at all times maintains (i) a one-to-one ratio between the number of shares of our Class A common stock issued by us and the number of Common Units owned by us, and (ii) a one-to-one ratio between the number of shares of our Class B common stock owned by the non-founder members of the Operating Company and the number of Common Units owned by the non-founder members of the Operating Company.

The following table sets forth the economic and voting interests of our common stock holders as of September 30, 2021:

Class of Common Stock (ownership)	Total Shares ⁽¹⁾	Class A Shares (as converted) ⁽²⁾	Economic Ownership in the Operating Company ⁽³⁾	Voting Interest in Greenlane ⁽⁴⁾	Economic Interest in Greenlane ⁽⁵⁾
Class A	79,806,834	79,806,834	78.5 %	78.5 %	100.0 %
Class B	21,850,270	21,850,270	21.5 %	21.5 %	— %
Total	101,657,104	101,657,104	100.0 %	100.0 %	100.0 %

(1) Represents the total number of outstanding shares for each class of common stock as of September 30, 2021.

(2) Represents the number of shares of Class A common stock that would be outstanding assuming the exchange of all outstanding shares of Class B common stock upon redemption of all related Common Units. Shares of Class B common stock would be canceled, without consideration, on a one-to-one basis pursuant to the terms and subject to the conditions of the Operating Agreement.

(3) Represents the indirect economic interest in the Operating Company through the holders' ownership of common stock.

(4) Represents the aggregate voting interest in us through the holders' ownership of common stock. Each share of Class A common stock and Class B common stock entitles its holder to one vote per share on all matters submitted to a vote of our stockholders.

(5) Represents the aggregate economic interest in us through the holders' ownership of Class A common stock.

NOTE 2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Presentation

Our unaudited condensed consolidated financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America ("U.S. GAAP") and applicable rules and regulations of the Securities and Exchange Commission ("SEC") regarding interim financial reporting.

Certain information and note disclosures normally included in the financial statements prepared in accordance with U.S. GAAP have been condensed or omitted pursuant to such rules and regulations. As such, the information included in this Form 10-Q should be read in conjunction with the consolidated financial statements and accompanying notes included in our Annual Report on Form 10-K for the year ended December 31, 2020.

The condensed consolidated balance sheet as of December 31, 2020 included herein was derived from the audited financial statements as of that date.

The condensed consolidated results of operations for the three and nine months ended September 30, 2021 are not necessarily indicative of the results that may be expected for the full year ending December 31, 2021, or any other future annual or interim period. Certain reclassifications have been made to prior year amounts or balances to conform to the presentation adopted in the current year.

Use of Estimates

Conformity with U.S. GAAP requires the use of estimates and judgments that affect the reported amounts in the condensed consolidated financial statements and accompanying notes. These estimates form the basis for judgments we make about the carrying values of our assets and liabilities, which are not readily apparent from other sources. We base our estimates and judgments on historical information and on various other assumptions that we believe are reasonable under the circumstances. U.S. GAAP requires us to make estimates and judgments in several areas. Such areas include, but are not limited to: the collectability of accounts receivable; the allowance for slow-moving or obsolete inventory; the realizability of deferred tax assets; the fair value of goodwill; the fair value of contingent consideration arrangements; the useful lives of intangibles assets

and property and equipment; the calculation of our VAT receivable and VAT payable, including fines and penalties payable; our loss contingencies, including our TRA liability; and the valuation and assumptions underlying equity-based compensation. These estimates are based on management's knowledge about current events and expectations about actions we may undertake in the future. Actual results could differ materially from those estimates.

Update on COVID-19

On March 11, 2020, the World Health Organization recognized the novel coronavirus ("COVID-19") as a global pandemic, prompting many national, regional, and local governments, including those in the markets that the Company operates in, to implement preventative or protective measures, such as travel and business restrictions, temporary store closures, and wide-sweeping quarantines and stay-at-home orders. As a result, COVID-19 significantly curtailed global economic activity, including in the industries in which we operate.

While the U.S. has recently seen a decline in new cases and states are loosening their shutdown and social distancing protocols, resulting in a wide reopening of adult recreational use and medical stores as well as other retail stores that the Company sells to, our sources of revenue continue to be affected by COVID-19, especially with the rise of new variants.

We continue to be impacted by business and supply chain disruptions resulting from the COVID-19 pandemic. In particular, the pandemic has resulted in increased air freight costs incurred by us, as well as general difficulties in securing space on incoming freight from international vendors in order to make room for essential items. We continue to experience unexpected and uncontrollable delays with our international supply shipments due to a significant increase in shipments to U.S. ports, less cargo being shipped by air, and a general shortage of containers. We, along with many other importers of goods across all industries, continue to experience severe congestion and extensive wait times for carriers at ports across the United States. While we have been working diligently with our network of freight partners and suppliers to expedite delivery dates and provide solutions to reduce further impact and delays, we are unable to determine the full impact of these delays as they are outside our control. Additionally, the Occupational Safety and Health Administration introduced a rule requiring certain employers to mandate vaccinations or conduct weekly COVID-19 test on unvaccinated employees. These requirements could result in employee attrition if employees choose not to provide proof of vaccination or submit to COVID-19 testing.

Overall, while we are continuing to navigate the financial, operational, and personnel challenges presented by the COVID-19 pandemic, the full extent of its impact on our operational and financial performance will depend on future developments, including the duration and spread of the pandemic, the potential uncertainty related to and proliferation of new strains, and related actions taken by the U.S., international and state and local governments to prevent the spread of disease, all of which are uncertain, outside our control, and cannot be predicted at this time.

We expect uncertainties around our key accounting estimates to continue to evolve depending on the duration and degree of impact associated with the COVID-19 pandemic. Our estimates may change as new events occur and additional information emerges, and such changes are recognized or disclosed in our condensed consolidated financial statements.

Goodwill

Goodwill represents the excess of the price we paid over the fair value of the net identifiable assets we acquired in business combinations. In accordance with ASC Topic 350 *Intangibles—Goodwill and Other*, we review goodwill for impairment at the reporting unit level annually or, when events or circumstances dictate, more frequently. The impairment review for goodwill consists of a qualitative assessment of whether it is more-likely-than-not that a reporting unit's fair value is less than its carrying amount, and if necessary, a quantitative goodwill impairment test. Factors to consider when performing the qualitative assessment include general economic conditions, limitations on accessing capital, changes in forecasted operating results and fluctuations in foreign exchange rates. If the qualitative assessment demonstrates that it is more-likely-than-not that the estimated fair value of the reporting unit exceeds its carrying value, it is not necessary to measure and record impairment loss. We may elect to bypass the qualitative assessment and proceed directly to the quantitative assessment, for any reporting unit, in any period. We can resume the qualitative assessment for any reporting unit in any subsequent period.

When we perform a quantitative impairment test, we use a combination of an income approach, a discounted cash flow valuation approach, and a market approach, using the guideline public company method, to determine the fair value of each reporting unit, and then compare the fair value to its carrying amount to determine the amount of impairment, if any. If a reporting unit's fair value is less than its carrying amount, we record an impairment charge based on that difference, up to the amount of goodwill allocated to that reporting unit.

The quantitative impairment test requires the application of a number of significant assumptions, including estimated projections of future revenue growth rates, EBITDA margins, terminal value growth rates, market multiples, discount rates, and foreign currency exchange rates. The projections of future cash flows used to assess the fair value of the reporting units are based on the internal operation plans reviewed by management. The market multiples are based on comparable public company

multiples. The discount rates are based on the risk-free rate of interest and estimated risk premiums for the reporting units at the time the impairment analysis is prepared. The projections of future exchange rates are based on the current exchange rates at the time the projections are prepared. If the fair value of the reporting unit exceeds its carrying value, no further analysis or write-down of goodwill is required. If the fair value of the reporting unit is less than the carrying value of its net assets, the implied fair value of the reporting unit is allocated to all its underlying assets and liabilities, including both recognized and unrecognized tangible and intangible assets, based on their fair value. If necessary, goodwill is then written down to its implied fair value.

Due to market conditions and estimated adverse impacts from the COVID-19 pandemic, management concluded that a triggering event occurred in the first quarter of 2020, requiring a quantitative impairment test of our goodwill for our United States and Europe reporting units. Based on this assessment, we concluded that the estimated fair value of our United States reporting unit was determined to be below its carrying value, which resulted in a \$9.0 million goodwill impairment charge for the three months ended March 31, 2020. This impairment charge resulted from the impacts of COVID-19 on our current and forecasted wholesale revenues and the restrictions on certain products we sell imposed by the Federal Drug Administration ("FDA") Enforcement Priorities for Electronic Nicotine Delivery Systems ("ENDS") and Other Deemed Products on the Market Without Premarket Authorization ("ENDS Enforcement Guidance"), which resulted in changes to our estimates and assumptions of the expected future cash flows of the United States reporting unit.

We recognized no goodwill impairment charges during the three and nine months ended September 30, 2021. See "Note 3—Business Acquisitions" for discussion of goodwill recognized during 2021 related to the Eyce LLC acquisition and KushCo merger. The assignment of goodwill recognized from the KushCo merger to reporting units has not yet been completed as of the date of these financial statements. We expect to make a determination relating to the application of the segment reporting disclosure requirements applicable to KushCo during the fourth quarter of 2021.

Revenue Recognition

Revenue is recognized when customers obtain control of goods and services promised by us. Revenue is measured based on the amount of consideration that we expect to receive in exchange for those goods or services, reduced by promotional discounts and estimates for return allowances and refunds. Taxes collected from customers for remittance to governmental authorities are excluded from net sales.

We generate revenue primarily from the sale of finished products to customers, whereby each product unit represents a single performance obligation. We recognize revenue from product sales when the customer has obtained control of the products, which is either upon shipment from one of our fulfillment centers or upon delivery to the customer, depending upon the specific terms and conditions of the arrangement, or at the point of sale for our retail store sales. We provide no warranty on products sold. Product warranty is provided by the manufacturers.

Our performance obligations for services are satisfied when the services are rendered within the arranged service period. Service revenue was de minimis for the three and nine months ended September 30, 2021 and 2020.

Beginning with the first quarter of 2020, we entered into a limited number of bill-and-hold arrangements. Each bill-and-hold arrangement is reviewed and revenue is recognized only when certain criteria have been met: (i) the customer has requested delayed delivery and storage of the products by us, in exchange for a storage fee, because they want to secure a supply of the products but lack storage space, (ii) the risk of ownership has passed to the customer, (iii) the products are segregated from our other inventory items held for sale, (iv) the products are ready for shipment to the customer, and (v) the products are customized and thus we do not have the ability to use the products or direct them to another customer. Revenue under bill-and-hold arrangements was \$ 0.2 million and \$0.5 million for the three and nine months ended September 30, 2021, respectively, and \$0.5 million and \$1.5 million for the three and nine months ended September 30, 2020, respectively. Storage fees charged to customers for bill-and-hold arrangements are recognized as invoiced. Such fees were not significant for the three and nine months ended September 30, 2021 and 2020.

For certain product offerings such as premium, patented, child-resistant packaging, closed-system vaporization solutions and custom-branded retail products, we may receive a deposit from the customer (generally 25% - 50% of the total order cost, but the amount can vary by customer contract) when an order is placed by a customer. We typically complete these orders within one to six months from the date of order, depending on the complexity of the customization and the size of the order, but the completion timeline can vary by product type and terms of sales with each customer. See "Note 8—Supplemental Financial Statement Information" for a summary of changes to our customer deposits liability balance during the nine months ended September 30, 2021.

We estimate product returns based on historical experience and record them as a refund liability that reduces the net sales for the period. We analyze actual historical returns, current economic trends and changes in order volume when evaluating the adequacy of our sales returns allowance in any reporting period. Our liability for returns, which is included within "Accrued

expenses and other current liabilities" in our condensed consolidated balance sheets, was approximately \$1.1 million and \$0.8 million as of September 30, 2021 and December 31, 2020, respectively. The recoverable cost of merchandise estimated to be returned by customers, which is included within "Other current assets" in our condensed consolidated balance sheets, was approximately \$0.2 million as of September 30, 2021 and December 31, 2020.

We elected to account for shipping and handling expenses that occur after the customer has obtained control of products as a fulfillment activity in cost of sales. Shipping and handling fees charged to customers are included in net sales upon completion of our performance obligations. We apply the practical expedient provided for by the applicable revenue recognition guidance by not adjusting the transaction price for significant financing components for periods less than one year. We also apply the practical expedient provided by the applicable revenue recognition guidance based upon which we generally expense sales commissions when incurred because the amortization period is one year or less. Sales commissions are recorded within "Salaries, benefits and payroll tax expenses" in the condensed consolidated statements of operations and comprehensive loss.

No single customer represented more than 10% of our net sales for the three and nine months ended September 30, 2021 and 2020. As of September 30, 2021, only one customer represented more than 10% of our accounts receivable balance, totaling 5% of the net, accounts receivable balance.

Value Added Taxes

During the third quarter of 2020, as part of a global tax strategy review, we determined that our European subsidiaries based in the Netherlands, which we acquired on September 30, 2019, had historically collected and remitted value added tax ("VAT") payments, which related to direct-to-consumer sales to other European Union ("EU") member states, directly to the Dutch tax authorities. In connection with our subsidiaries' payment of VAT to Dutch tax authorities rather than other EU member states, the German government has commenced a criminal investigation, which could result in penalties; other jurisdictions could commence such investigations as well.

We performed an analysis of the VAT overpayments to the Dutch tax authorities, which we expect will be refunded to us, and VAT payable to other EU member states, including potential fines and penalties. Based on this analysis, we recorded VAT payable of approximately \$3.1 million and \$9.9 million within "Accrued expenses and other current liabilities" and VAT receivable of approximately \$0.1 million and \$4.4 million within "Other current assets" in our condensed consolidated balance sheet as of September 30, 2021 and December 31, 2020, respectively.

We established VAT receivables in jurisdictions where VAT paid exceeds VAT collected and are recoverable through the filing of refund claims. Our VAT receivable balance as of September 30, 2021 and December 31, 2020 relates to refund claims with the Dutch tax authorities. In April 2021, we received a refund from the Dutch tax authorities of approximately \$4.1 million.

Pursuant to the purchase and sale agreement by which we acquired our European subsidiaries, the sellers are required to indemnify us against certain specified matters and losses, including any and all liabilities, claims, penalties and costs incurred or sustained by us in connection with non-compliance with tax laws in relation to activities of the sellers. The indemnity (or indemnification receivable) is limited to an amount equal to the purchase price under the purchase and sale agreement. As of September 30, 2021 and December 31, 2020, we recognized an indemnification asset of approximately \$0.1 million and \$0.9 million within "Other current assets" using the loss recovery model. We were beneficiaries of a bank guarantee in the amount of approximately \$0.9 million for claims for which we are entitled to indemnification under the purchase and sale agreement, which we collected in April 2021. In April 2021, we entered into a settlement agreement with the sellers of Conscious Wholesale requiring the transfer of approximately \$0.8 million in cash from the sellers' bank accounts, which we also collected in April 2021. In May 2021, we entered into another settlement with the sellers to place 650,604 shares of our Class A common stock owned by the sellers in escrow, which requires that those securities be sold as necessary to pay additional liabilities of the seller to us under the purchase and sale agreement.

During the three and nine months ended September 30, 2020, we recognized a charge of approximately \$2.2 million within "general and administrative" expenses in our consolidated statements of operations and comprehensive loss, which represented the difference between the VAT payable and the VAT receivable and indemnification asset recorded as of September 30, 2020. During the three and nine months ended September 30, 2021, we recognized a gain of approximately \$0 and \$1.7 million within "general and administrative expenses" in our condensed consolidated statements of operations and comprehensive loss, which represented the partial reversal of the previously recognized charge, as the indemnification asset became probable of recovery based on the settlement agreements with the sellers and the related amounts collected from the sellers, and a reduction in our previously estimated VAT liability for penalties and interest based on our voluntary disclosure to, and ongoing settlement with, the relevant tax authorities in the EU member states.

Management intends to pursue recovery of all additional losses from the sellers to the full extent of the indemnification provisions of the purchase and sale agreement, however, the collectability of such additional indemnification amounts may be subject to litigation and may be affected by the credit risk of indemnifying parties, and are therefore subject to significant uncertainties as to the amount and timing of recovery.

As noted above, we have voluntarily disclosed VAT owed to several relevant tax authorities in the EU member states, and believe in doing so we will reduce our liability for penalties and interest. Nonetheless, we may incur expenses in future periods related to such matters, including litigation costs and other expenses to defend our position. The outcome of such matters is inherently unpredictable and subject to significant uncertainties.

Refer to "Note 7—Commitments and Contingencies" for additional discussion regarding our contingencies.

Recently Adopted Accounting Guidance

In December 2019, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update ("ASU") No. 2019-12, *Income Taxes (Topic 740): Simplifying the Accounting for Income Taxes* which removes certain exceptions to the general principles in Topic 740 and also clarifies and amends existing guidance to improve consistent application. This update was effective for interim and annual periods beginning after December 15, 2020, with early adoption permitted. We adopted this standard beginning January 1, 2021. Adoption of this standard did not have a material impact on our condensed consolidated financial statements.

In January 2020, the FASB issued ASU No. 2020-01, *Investments—Equity Securities (Topic 321), Investments—Equity Method and Joint Ventures (Topic 323), and Derivatives and Hedging (Topic 815)*, which clarifies the interaction of accounting for equity securities under Topic 321, the accounting for equity investments in Topic 323, and the accounting for certain forward contracts and purchased options in Topic 815. We adopted this guidance beginning January 1, 2021. Adoption of this standard did not have a material impact on our condensed consolidated financial statements.

In August 2020, the FASB issued ASU No. 2020-06, *Accounting for Convertible Instruments and Contracts in an Entity's Own Equity (ASU 2020-06)*, which addresses the measurement and disclosure requirements for convertible instruments and contracts in an entity's own equity. The new standard simplifies and adds disclosure requirements for the accounting and measurement of convertible instruments and the settlement assessment for contracts in an entity's own equity. This pronouncement is effective for fiscal years, and for interim periods within those fiscal years, beginning after December 15, 2021. We elected to early adopt the new standard beginning January 1, 2021, on a modified retrospective basis. Adoption of this standard did not impact our condensed consolidated financial statements, as we did not hold any instruments to which this standard was applicable during the current reporting period nor in earlier reporting periods.

Recently Issued Accounting Guidance Not Yet Adopted

In June 2016, the FASB issued ASU No. 2016-13, *Financial Instruments - Credit Losses*. The standard requires the use of an "expected loss" model on certain types of financial instruments. The standard also amends the impairment model for available-for-sale securities and requires estimated credit losses to be recorded as allowances rather than as reductions to the amortized cost of the securities. This standard is effective for fiscal years, and interim periods within those years, beginning after December 15, 2022 for filers that are eligible to be smaller reporting companies under the SEC's definition. Early adoption is permitted. We do not believe the adoption of this new guidance will have a material impact on our condensed consolidated financial statements and disclosures.

In March 2020, the FASB issued ASU No. 2020-04, *Reference Rate Reform (Topic 848): Facilitation of the Effects of Reference Rate Reform on Financial Reporting* which provides practical expedients and exceptions for applying GAAP to contracts, hedging relationships, and other transactions affected by reference rate reform if certain criteria are met. The expedients and exceptions provided by the amendments in this update apply only to contracts, hedging relationships, and other transactions that reference LIBOR or another reference rate expected to be discontinued as a result of reference rate reform. These amendments are not applicable to contract modifications made and hedging relationships entered into or evaluated after December 31, 2022. In January 2021, the FASB issued ASU No. 2021-01, *Reference Rate Reform (Topic 848): Scope*, which clarified the scope and application of the original guidance. ASU No. 2020-04 and ASU No. 2021-01 are effective as of March 12, 2020 through December 31, 2022 and may be applied to contract modifications and hedging relationships from the beginning of an interim period that includes or is subsequent to March 12, 2020. We are still evaluating the impact these standards will have on our consolidated financial statements and related disclosures.

In October 2021, the FASB issued ASU 2021-08, *Business Combinations (Topic 805): Accounting for Contract Assets and Contract Liabilities from Contracts with Customers*, which requires that an acquirer recognize and measure contract assets and contract liabilities acquired in a business combination in accordance with Topic 606, as if it had originated the contracts. Prior to this ASU, an acquirer generally recognizes contract assets acquired and contract liabilities assumed that arose from contracts with customers at fair value on the acquisition date. The ASU is effective for fiscal years beginning after December 15, 2022, with early adoption permitted. The ASU is to be applied prospectively to business combinations occurring on or after the effective date of the amendment (or if adopted early as of an interim period, as of the beginning of the fiscal year that includes the interim period of early application). We are still assessing this standard's impact on our consolidated financial statements.

NOTE 3. BUSINESS ACQUISITIONS

Eyce LLC

On March 2, 2021, we acquired substantially all the assets of Eyce LLC ("Eyce"), a designer and manufacturer of silicon pipes, bubblers, rigs, and other smoking and vaporization-related accessories and merchandise. We acquired Eyce to take advantage of expected synergies, which include increased margins from the direct integration of one of our top-selling product lines into our offerings of Greenlane Brands products (as defined below) and the enlistment of key talent in Eyce's founding owners.

We accounted for the Eyce acquisition as a business combination under the acquisition method under ASC Topic 805, *Business Combinations*. Eyce has been consolidated in our condensed consolidated financial statements commencing on March 2, 2021, the date of acquisition. The purchase price for the Eyce acquisition was allocated based on estimates of the fair value of net assets acquired at the acquisition date, with the excess allocated to goodwill. The total purchase consideration for the Eyce acquisition consisted of the following:

<i>(in thousands)</i>	Purchase Consideration	
Cash	\$	2,403
Class A common stock		2,005
Promissory note		2,503
Contingent consideration - payable in cash		914
Contingent consideration - payable in Class A common stock		914
Total purchase consideration	\$	8,739

During the three and nine months ended September 30, 2021, we recognized approximately \$0 and \$0.3 million in Eyce acquisition-related costs, which were included within "general and administrative" expenses in our condensed consolidated statement of operations and comprehensive loss.

The contingent consideration arrangement requires us to make contingent payments based on the achievement of certain revenue and EBITDA performance targets for the years ending December 31, 2021 and 2022, as set forth in the acquisition agreement. We estimated the fair value of the contingent consideration by using a Monte Carlo simulation that includes significant unobservable inputs such as the risk-free rate, risk-adjusted discount rate, the volatility of the underlying financial metrics and projected financial forecast of the acquired business over the earn-out period. As a result of additional information obtained about facts and circumstances that existed as of the acquisition date, we calculated an adjustment to the purchase price related to the estimated fair value of contingent consideration issued, and recorded a measurement period adjustment during the second quarter of 2021.

The following table summarizes the purchase price allocation and the estimated fair value of the net assets acquired at the date of acquisition as of September 30, 2021.

<i>(in thousands)</i>	Estimated Fair Value as of Acquisition Date (as previously reported)	Measurement Period Adjustments	Estimated Fair Value as of Acquisition Date (as adjusted)
Inventory	\$ 92	\$ —	\$ 92
Developed technology	1,738	—	1,738
Trade name	1,294	—	1,294
Customer relationships	165	—	165
Goodwill	4,840	610	5,450
Total purchase price	\$ 8,129	\$ 610	\$ 8,739

Goodwill generated from the Eyce acquisition is primarily related to the value we placed on expected business synergies. The assignment of goodwill recognized from this business combination to reporting units has not yet been completed as of the date of these financial statements. We anticipate that the goodwill recognized will be deductible for income tax purposes.

Merger with KushCo Holdings, Inc.

On August 31, 2021, we completed our previously announced merger with KushCo Holdings, Inc. ("KushCo"), pursuant to the terms of an Agreement and Plan of Merger, dated as of March, 31, 2021 (the "Merger Agreement"). Greenlane's merger with KushCo creates the leading ancillary cannabis products and services company. The combined company serves a premier group of customers, which includes many of the leading MSOs and LPs, the top smoke shops in the United States, and millions of consumers globally.

Pursuant to the Merger Agreement, Merger Sub Gotham 1, LLC, our wholly owned subsidiary ("Merger Sub 1"), merged with KushCo (the "Initial Surviving Corporation") ("Merger 1") and then the Initial Surviving Corporation was merged with and into Merger Sub Gotham 2, LLC, our wholly owned subsidiary ("Merger Sub 2"), with Merger Sub 2 as the surviving limited liability company and a wholly owned subsidiary of Greenlane ("Merger 2," and together with Merger 1, the "Mergers").

At the effective time of the Mergers, each KushCo stockholder received 0.3016 shares of Class A common stock, as determined pursuant to the exchange ratio formula set forth in the Merger Agreement (the "Exchange Ratio") for each share of KushCo's common stock, \$0.01 par value per share ("KushCo common stock"), issued and outstanding immediately prior to the effective time of the Mergers, with cash paid for any fractional shares that a KushCo stockholder would have otherwise been entitled to receive. Immediately following the Mergers, stockholders that held Greenlane common stock prior to the completion of the Mergers owned 51.9% and former KushCo stockholders owned 48.1% of the equity of the combined company on a fully diluted basis.

Pursuant to the Merger Agreement, immediately prior to the consummation of the Mergers, holders of Class C common stock received one-third of one share of Class B common stock for each share of Class C common stock held immediately prior to the closing of the mergers, and Greenlane adopted the A&R Charter, which eliminated Class C common stock as a class of Greenlane's capital stock.

Treatment of KushCo Equity Awards

At the effective time of the Mergers, options to purchase shares of KushCo common stock ("KushCo options") were treated as follows:

- Each KushCo option that was outstanding immediately prior to the Merger 1 effective time, whether or not then vested or exercisable (but after taking into account any acceleration or vesting as provided under the KushCo equity plan covering such option), was converted into an option to purchase, on the same terms and conditions that applied to such KushCo option immediately prior to the Merger 1 effective time, (A) that number of shares of Class A common stock, rounded down to the nearest whole share, determined by multiplying (1) the total number of KushCo shares subject to such KushCo option immediately prior to the Merger 1 effective time by (2) the Exchange Ratio, (B) at a per-share exercise price, rounded up to the nearest whole cent, determined by dividing (1) the exercise price per share covered by such KushCo option immediately prior to the Merger 1 effective time by (2) the Exchange Ratio;
- Greenlane assumed the sponsorship of the KushCo Holdings, Inc. 2016 Stock Incentive Plan covering such KushCo options (the "KushCo Equity Plan"), and all references to KushCo therein were deemed references to Greenlane and all references to shares of KushCo common stock therein were deemed references to Class A common stock; and
- Each KushCo restricted stock unit (a "KushCo RSU") that was then held and remained outstanding immediately prior to the Merger 1 effective time accelerated and became vested in full in accordance with the terms of the KushCo equity plan covering such KushCo RSUs and each such KushCo RSU was immediately settled and treated in the same manner as shares of KushCo common stock in the Mergers.

Effect of Merger 1 on KushCo Warrants

Additionally, each warrant to purchase one or more shares of KushCo common stock (a "KushCo Warrant"), whether exercisable or not, was converted into a warrant to purchase Class A common stock. Greenlane assumed each such KushCo Warrant in accordance with its terms (the "Assumed Warrants"). With respect to the Assumed Warrants: (i) the Assumed Warrants are exercisable solely for shares of Class A common stock; (ii) the number of shares of Class A common stock subject to such Assumed Warrants is equal to the number of shares of KushCo common stock subject to such Assumed Warrants as of immediately prior to the effective time of Merger 1 multiplied by the Exchange Ratio, rounded up to the nearest whole share; and (iii) the per share exercise price under each such Assumed Warrant was adjusted by dividing the per share exercise price under such Assumed Warrant by the Exchange Ratio and rounding up to the nearest cent.

Estimated Purchase Consideration and Preliminary Purchase Price Allocation

We accounted for the KushCo acquisition as a business combination under the acquisition method under ASC Topic 805, *Business Combinations*. KushCo has been consolidated in our condensed consolidated financial statements commencing on August 31, 2021, the date of acquisition.

The initial accounting for the acquisition, including the purchase price allocation, is preliminary pending completion of the fair value analyses of the replacement warrants and replaced equity compensation awards, as well as pending completion of the fair value analyses of assets acquired and liabilities assumed.

We allocated the purchase price to the net identifiable tangible and intangible assets acquired and liabilities assumed based on their preliminary estimated fair values as of the date of acquisition. The excess of the purchase price over the estimated fair value of the net assets and liabilities was allocated to goodwill. We determined the preliminary estimated fair values after

review and consideration of relevant information as of the acquisition date, including discounted cash flows, quoted market prices and estimated made by management. The fair values assigned to tangible and intangible assets acquired and liabilities assumed are preliminary based on management's estimates and assumptions and may be subject to change as additional information is received. We expect to finalize the valuation as soon as practicable, but not later than one year from the acquisition date.

The total estimated purchase consideration for the KushCo acquisition consisted of the following:

<i>(in thousands)</i>	Purchase Consideration	
Class A common stock (1)	\$	123,491
Estimated fair value of assumed warrants		8,423
Estimated fair value of replaced equity awards		4,759
Greenlane cash payments on behalf of KushCo (2)		12,183
Total purchase consideration	\$	148,856

(1) Based on approximately 48.8 million shares of Greenlane Class A common stock issued, multiplied by the closing price per share of Greenlane Class A common stock on Nasdaq on August 31, 2021, the acquisition date, of \$54.

(2) Represents cash paid by Greenlane on the acquisition date to extinguish certain debt and other liabilities of KushCo, which were not legally assumed by Greenlane.

The following table summarizes the fair values of the assets acquired and liabilities assumed as of the acquisition date based on the preliminary purchase price allocation (in thousands):

<i>(in thousands)</i>	Estimated Fair Value as of Acquisition Date	
Assets acquired		
Cash	\$	2,302
Accounts receivable		7,110
Inventories		35,112
Vendor deposits		7,011
Other current assets		8,111
Property and equipment		6,200
Operating lease right-of-use assets		7,581
Other assets		2,896
Intangible assets - customer relationships		39,500
Intangible assets - trademarks		29,500
Intangible assets - proprietary design library		3,100
Goodwill		24,314
Total estimated assets acquired		172,737
Liabilities assumed		
Accounts payable		5,876
Accrued expenses and other current liabilities		6,496
Customer deposits		3,934
Operating lease liabilities		7,575
Total estimated liabilities assumed		23,881
Total estimated purchase price and consideration transferred in the merger	\$	148,856

Goodwill generated from the KushCo acquisition is primarily related to the value we placed on expected business synergies. The assignment of goodwill recognized from this business combination to reporting units has also not yet been completed as of the date of these financial statements. We anticipate that the goodwill recognized will be deductible for income tax purposes.

During the three and nine months ended September 30, 2021, we recognized transaction costs of approximately \$1.5 million and \$7.8 million in connection with the Mergers, consisting primarily of advisory, legal, valuation and accounting fees, which

were recorded in "general and administrative expenses" in the accompanying condensed consolidated statements of operations and comprehensive loss.

Supplemental Unaudited Pro Forma Financial Information

The following table presents pro forma results for the three and nine months ended September 30, 2021 and 2020 as if our acquisition of Eyce and the closing of the merger with KushCo had occurred on January 1, 2020, and Eyce and KushCo's results had been included in our consolidated results beginning on that date (in thousands):

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2021	2020	2021	2020
	(Unaudited)		(Unaudited)	
Net sales	\$ 59,186	\$ 61,562	\$ 185,658	\$ 181,203
Cost of sales	71,874	52,785	174,968	163,099
Gross profit	(12,688)	8,777	10,690	18,104
Net loss	\$ (60,863)	\$ (21,872)	\$ (90,833)	\$ (101,150)

The pro forma amounts have been calculated after applying our accounting policies to the financial statements of Eyce and KushCo and adjusting the combined results of Greenlane, Eyce and KushCo (a) to remove Eyce product sales to us and to remove the cost incurred by us related to products purchased from Eyce prior to the acquisition, and (b) to reflect the increased amortization expense that would have been charged assuming intangible assets identified in the acquisitions of Eyce and KushCo had been recorded on January 1, 2020.

The impact of the Eyce acquisition and the KushCo merger on the actual results reported by us in subsequent periods may differ significantly from that reflected in this pro forma information for a number of reasons, including but not limited to, non-achievement of the expected synergies from these combinations and changes in the regulatory environment. As a result, the pro forma information is not necessarily indicative of what our financial condition or results of operations would have been had the acquisitions been completed on the applicable date of this pro forma financial information. In addition, the pro forma financial information does not purport to project our future financial condition and results of operations.

Supplemental Information of Operating Results

"Net sales" in the condensed consolidated statements of operations and comprehensive loss for the three and nine months ended September 30, 2021 includes approximately \$0.3 million to \$0.5 million of net sales contributed by Eyce e-commerce and wholesale customers since the date of the acquisition. Eyce's operating activities have been integrated with an existing subsidiary of the Operating Company, and we owned Eyce inventory from purchases preceding the acquisition date. As such, the identification of post-acquisition "net loss" is impracticable for the three and nine months ended September 30, 2021.

"Net sales" and "net loss" in the condensed consolidated statements of operations and comprehensive loss for the three and nine months ended September 30, 2021 include approximately \$2.6 million of net sales and approximately \$6.7 million of net loss contributed by KushCo since the date of the acquisition.

NOTE 4. FAIR VALUE OF FINANCIAL INSTRUMENTS

Assets and Liabilities that are Measured at Fair Value on a Recurring Basis

The carrying amounts for certain of our financial instruments, including cash, accounts receivable, accounts payable and certain accrued expenses and other assets and liabilities, approximate fair value due to the short-term nature of these instruments.

As of September 30, 2021, we had equity securities, an interest rate swap contract and contingent consideration related to the Eyce acquisition that are required to be measured at fair value on a recurring basis.

Our equity securities consist of investments in XS Financial Inc. (0.2% ownership) and High Tide Inc. (0.1% ownership). We have determined that our ownership does not provide us with significant influence over the operations of these investments. Accordingly, we account for our investment in these entities as equity securities, and we record changes in the fair value of these investments in "other income (expense), net" in our condensed consolidated statements of operations and comprehensive loss.

Our financial instruments measured at fair value on a recurring basis were as follows at the dates indicated:

(in thousands)	Condensed Consolidated Balance Sheet Caption	Fair Value at September 30, 2021			
		Level 1	Level 2	Level 3	Total
Assets:					
Equity securities	Other assets	\$ 1,268	\$ —	\$ —	\$ 1,268
Total Assets		\$ 1,268	\$ —	\$ —	\$ 1,268
Liabilities:					
Interest rate swap contract	Other long-term liabilities	\$ —	\$ 409	\$ —	\$ 409
Contingent consideration - current	Accrued expenses and other current liabilities	—	—	1,710	1,710
Contingent consideration - long-term	Other long-term liabilities	—	—	873	873
Total Liabilities		\$ —	\$ 409	\$ 2,583	\$ 2,992

(in thousands)	Condensed Consolidated Balance Sheet Caption	Fair Value at December 31, 2020			
		Level 1	Level 2	Level 3	Total
Liabilities:					
Interest rate swap contract	Other long-term liabilities	\$ —	\$ 665	\$ —	\$ 665
Total Liabilities		\$ —	\$ 665	\$ —	\$ 665

The estimated fair values of our financial instruments have been determined using available market information and what we believe to be appropriate valuation methodologies. There were no transfers between Level 1 and Level 2 and no transfers to or from Level 3 of the fair value hierarchy during the three and nine months ended September 30, 2021.

Derivative Instrument and Hedging Activity

On July 11, 2019, we entered into an interest rate swap contract to manage our risk associated with the interest rate fluctuations on our floating rate Real Estate Note. The counterparty to this instrument is a reputable financial institution. The interest rate swap contract is entered into for periods consistent with the related underlying exposure and does not constitute a position independent of this exposure. Our interest rate swap contract was designated as a cash flow hedge at the inception date, and is reflected at its fair value in our condensed consolidated balance sheets. The fair value of our interest rate swap liability is determined based on the present value of expected future cash flows. Since our interest rate swap value is based on the LIBOR forward curve and credit default swap rates, which are observable at commonly quoted intervals for the full term of the swap, it is considered a Level 2 measurement.

Details of the outstanding swap contract as of September 30, 2021, which is a "pay-fixed and receive-floating" contract, are as follows:

Swap Maturity	Notional Value (in thousands)	Pay-Fixed Rate	Receive-Floating Rate	Floating Rate Reset Terms
October 1, 2025	\$ 8,050	2.07750 %	One-Month LIBOR	Monthly

We performed an initial qualitative assessment of hedge effectiveness using the hypothetical derivative method in the period in which the hedging transaction was entered, as the critical terms of the hypothetical derivative and the hedging instrument were the same. Quarterly, we perform a qualitative analysis for prospective and retrospective assessments of hedge effectiveness. The unrealized loss on the derivative instrument is included within "Other comprehensive loss" in our condensed consolidated statements of operations and comprehensive loss. There was no measure of hedge ineffectiveness and no reclassifications from other comprehensive loss into interest expense for the three and nine months ended September 30, 2021 or 2020.

Contingent Consideration

Each period we revalue our contingent consideration obligations associated with business acquisitions to their fair value. Additional purchase price payments ranging from \$0 to \$3.5 million are contingent upon the achievement of certain revenue and EBITDA targets measured through December 31, 2022. The estimate of the fair value of contingent consideration is determined by applying a risk-neutral framework using a Monte Carlo Simulation, which includes inputs not observable in the market, such as the risk-free rate, risk-adjusted discount rate, the volatility of the underlying financial metrics and projected financial forecast of the acquired business over the earn-out period, and therefore represents a Level 3 measurement. Significant increases or decreases in these inputs could result in a significantly lower or higher fair value measurement of the contingent consideration liability. Changes in the fair value of contingent consideration are included within "Other income (expense), net" in our condensed consolidated statements of operations and comprehensive loss.

A reconciliation of our liabilities that are measured and recorded at fair value on a recurring basis using significant unobservable inputs (Level 3) for the nine months ended September 30, 2021 is as follows:

<i>(in thousands)</i>	Contingent Consideration	
Balance at December 31, 2020	\$	—
Contingent consideration issued for Eyce acquisition		1,828
Loss from fair value adjustments included in results of operations		755
Balance at September 30, 2021	\$	2,583

Equity Securities Without a Readily Determinable Fair Value

Our investment in equity securities without readily determinable fair value consist of ownership interests in Airgraft Inc. (4.5% ownership), Sun Grown Packaging, LLC ("Sun Grown") (10.0% ownership) and Vapor Dosing Technologies, Inc. ("VIVA") (8.8% ownership). We determined that our ownership interests do not provide us with significant influence over the operations of these investments. Accordingly, we account for our investments in these entities as equity securities.

Airgraft Inc., Sun Grown, and VIVA are private entities and their equity securities do not have a readily determinable fair value. We elected to measure these security under the measurement alternative election at cost minus impairment, if any, with adjustments through earnings for observable price changes in orderly transactions for the identical or similar investment of the same issuer. We did not identify any fair value adjustments related to these equity securities during the three and nine months ended September 30, 2021 and 2020.

At September 30, 2021 and December 31, 2020, the carrying value of our investment in equity securities without a readily determinable fair value was approximately \$3.5 million and \$2.0 million, respectively, included within "Other assets" in our condensed consolidated balance sheets. The carrying value included a fair value adjustment of \$1.5 million based on an observable price change recognized during the year ended December 31, 2019.

NOTE 5. LEASES

Greenlane as a Lessee

As of September 30, 2021, we had facilities financed under operating leases consisting of warehouses, offices, and retail stores, with lease term expirations between 2021 and 2026. Lease terms are generally three to seven years for warehouses, office space and retail store locations. Our lease agreements do not contain any material residual value guarantees or material restrictive covenants.

The following table provides details of our future minimum lease payments under finance and operating lease liabilities recorded in our condensed consolidated balance sheet as of September 30, 2021. The table below does not include commitments that are contingent on events or other factors that are currently uncertain or unknown.

<i>(in thousands)</i>	Finance Leases		Operating Leases		Total
Remainder of 2021	\$	64	\$	790	\$ 854
2022		179		3,320	3,499
2023		114		2,805	2,919
2024		19		1,983	2,002
2025		—		1,419	1,419
Thereafter		—		299	299
Total minimum lease payments		376		10,616	10,992
Less: imputed interest		5		592	597
Present value of minimum lease payments		371		10,024	10,395
Less: current portion		180		2,977	3,157
Long-term portion	\$	191	\$	7,047	\$ 7,238

Rent expense under operating leases was approximately \$0.5 million and \$1.2 million for the three and nine months ended September 30, 2021, and approximately \$0.3 million and \$1.2 million for the three and nine months ended September 30, 2020.

The majority of our finance lease obligations relate to leased warehouse equipment. Payments under our finance lease agreements are fixed for terms ranging from three to five years. We recorded approximately \$0.4 million of finance lease assets, net within "property and equipment, net" as of September 30, 2021 and December 31, 2020, and the related liabilities within "current portion of finance leases" and "finance leases, less current portion" in our condensed consolidated balance sheets.

Greenlane as a Lessor

As of September 30, 2021, we had five operating leases for office space leased to third-party tenants in our corporate headquarters building in Boca Raton, Florida. Rental income of approximately \$0.2 million and \$0.5 million for three and nine months ended September 30, 2021, and \$0.1 million and \$0.5 million for the three and nine months ended September 30, 2020, was included within "other income, net" in our condensed consolidated statements of operations and comprehensive loss.

The following table represents the maturity analysis of undiscounted cash flows related to lease payments, which we expect to receive from our existing operating lease agreements with tenants:

<i>(in thousands)</i>	Rental Income	
Remainder of 2021	\$	189
2022		220
2023		99
2024		77
2025 and thereafter		53
Total	\$	638

NOTE 6. LONG TERM DEBT

Our long-term debt, excluding operating and finance lease liabilities, consisted of the following amounts at the dates indicated:

<i>(in thousands)</i>	September 30, 2021		December 31, 2020	
Real Estate Note	\$	8,005	\$	8,125
Eyee Promissory Note		2,206		—
		10,211		8,125
Less unamortized debt issuance costs		(84)		(99)
Less current portion of long-term debt		(1,429)		(182)
Notes payable, net, excluding operating leases and finance leases	\$	8,698	\$	7,844

Line of Credit

On April 5, 2019, the Operating Company, as the borrower, entered into a second amendment to the first amended and restated credit agreement, dated October 1, 2018 (the "line of credit") with Fifth Third Bank, for a \$5.0 million revolving credit loan with a maturity date of August 23, 2020. In August 2020, the maturity date of the line of credit was further extended to November 30, 2020. The line of credit was not renewed on November 30, 2020. There were no borrowings outstanding on the line of credit at September 30, 2021 or December 31, 2020.

Real Estate Note

In October 2018, one of the Operating Company's wholly-owned subsidiaries financed the purchase of a building which serves as our corporate headquarters through a real estate term note (the "Real Estate Note") in the principal amount of \$5 million. Principal payments plus accrued interest at a rate of LIBOR plus 2.39% are due monthly, with a final payment of all remaining outstanding principal and accrued interest due in October 2025. The Real Estate Note contains customary covenants and restrictions, including, without limitation, covenants that require us to comply with laws, restrictions on our ability to incur additional indebtedness, and various customary remedies for the lender following an event of default, including the acceleration of repayment of outstanding amounts under the Real Estate Note and execution upon the collateral securing obligations under the Real Estate Note. As of September 30, 2021, we were in compliance with the Real Estate Note covenants. Our obligations under the Real Estate Note are secured by a mortgage on the property. The Real Estate Note is subject to an interest rate swap contract, see "Note 4—Fair Value of Financial Instruments."

Eyee LLC Promissory Note

In March 2021, one of the Operating Company's wholly-owned subsidiaries financed the acquisition of Eyee through the issuance of an unsecured promissory note (the "Eyee Promissory Note") in the principal amount of \$5 million. Principal payments plus accrued interest at a rate of 4.5% are due quarterly through April 2023.

NOTE 7. COMMITMENTS AND CONTINGENCIES**Legal Proceedings**

In the ordinary course of business, we are involved in various legal proceedings involving a variety of matters. We do not believe there are any pending legal proceedings that will have a material adverse effect on our business, consolidated financial position, results of operations, or cash flows. However, the outcome of such legal matters is inherently unpredictable and subject to significant uncertainties.

Subsequent to the announcement of Greenlane's acquisition of KushCo, three complaints were filed against Greenlane and its directors: one is captioned *Richard Garreffa v. Greenlane Holdings, Inc., Aaron LoCascio, Adam Schoenfeld, Neil Closner, Richard Taney and Jeff Uitz*, Case No. 1:21-cv-05512 (S.D.N.Y.), filed June 23, 2021; one is captioned *Lance K. Callaghan v. Greenlane Holdings, Inc., Aaron LoCascio, Adam Schoenfeld, Neil Closner, Richard Taney and Jeff Uitz*, Case No. 1:21-cv-05635 (S.D.N.Y.), filed June 29, 2021; and one is captioned *Eric Sabatini v. Greenlane Holdings, Inc., Aaron LoCascio, Adam Schoenfeld, Neil Closner, Richard Taney, and Jeff Uitz*, Case No. 2:21-cv-06571 (C.D. Cal.), filed August 13, 2021 (the "Actions"). The Actions name as defendants Greenlane and each of the members of the Greenlane board of directors. The Actions allege, among other things, that all defendants violated provisions of the Securities Exchange Act of 1934, as amended, (the "Exchange Act") insofar as this registration statement on Form S-4 preliminarily filed by Greenlane on May 28, 2021 allegedly omits material information with respect to the transactions contemplated therein that purportedly renders the preliminary registration statement false and misleading. The complaints seek, among other things, injunctive relief, rescissory damages, an award of plaintiffs' fees and expenses and a trial by jury. The two cases filed in the District Court for the Southern District of New York have been voluntarily dismissed by the plaintiffs. The Company believes the claims asserted in the remaining Action are without merit and intends to vigorously defend them.

KushCo, a predecessor-in-interest to Greenlane Holdings, LLC, and its directors were also named as defendants in two lawsuits related to KushCo's merger with Greenlane: one is captioned *Hugh Meighan v. KushCo Holdings, Inc., Nick Kovacevich, Eric Baum, Barbara Goodstein, Donald H. Hunter, Dallas Imbimbo, and Pete Kadens*, Case No. 1:21-cv-04048 (E.D.N.Y.), filed on July 19, 2021 (the "Meighan Matter"), and one is captioned *Cliff Hartfield v. KushCo Holdings, Inc., Nicholas Kovacevich, Eric Baum, Barbara Goodstein, Donald H. Hunter, Dallas Imbimbo, and Pete Kadens*, Case No. 1:21-cv-06818 (S.D.N.Y.), filed on August 13, 2021 (together with the Meighan Matter, the "KushCo Actions"). The KushCo Actions name as defendants KushCo and each of the members of the KushCo's board of directors. The KushCo Actions allege, among other things, that all defendants violated provisions of the Exchange Act, insofar as the definitive joint proxy statement filed by KushCo allegedly omits and/or misrepresents material information concerning (i) KushCo and Greenlane's financial projections, (ii) the financial analyses performed by KushCo's financial advisor, Jefferies LLC ("Jefferies"), in connection with its fairness opinion, and (iii) potential conflicts of interest involving Jefferies that purportedly render certain sections of the definitive joint proxy statement false and misleading. The complaints seek, among other things, injunctive relief, rescissory damages, an award of plaintiffs' fees and expenses and a trial by jury. The Meighan Matter was voluntarily dismissed by the plaintiffs. The defendants believe the claims asserted in the KushCo Actions are without merit and intend to vigorously defend them.

Other Contingencies

We are potentially subject to claims related to various non-income taxes (such as sales, value added, consumption, and similar taxes) from various tax authorities, including in jurisdictions in which we already collect and remit such taxes. If the relevant taxing authorities were successfully to pursue these claims, we could be subject to significant additional tax liabilities.

See "Note 5—Leases" for details of our future minimum lease payments under finance lease liabilities and operating lease liabilities. See "Note 11—Incomes Taxes" for information regarding income tax contingencies.

NOTE 8. SUPPLEMENTAL FINANCIAL STATEMENT INFORMATION

Assets Held for Sale

An asset group classified as held for sale is reflected at the lower of its carrying amount or estimated fair value less cost to sell. If the carrying amount of the assets exceeds its estimated fair value, a loss is recognized. We recorded approximately \$0.1 million and \$0.9 million of machinery held for sale within "Assets Held for Sale" as of September 30, 2021 and December 31, 2020, respectively. We completed the sale of approximately \$ 0.7 million of machinery during the second quarter of 2021, and are actively seeking a buyer and expect to complete the sale of the remaining machinery held for sale by the end of 2021. We recognized approximately \$0.2 million in impairment charges during the three and nine months ended September 30, 2021. We did not recognize any impairment charges during the three and nine months ended September 30, 2020.

Other Current Assets

The following table summarizes the composition of other current assets as of the dates indicated:

<i>(in thousands)</i>	September 30, 2021	December 31, 2020
Other current assets:		
VAT refund receivable	\$ 146	\$ 4,391
Prepaid expenses	3,569	1,542
Indemnification receivable, net	124	921
Other	7,172	4,038
	<u>\$ 11,011</u>	<u>\$ 10,892</u>

Accrued Expenses and Other Current Liabilities

The following table summarizes the composition of accrued expenses and other current liabilities as of the dates indicated:

<i>(in thousands)</i>	September 30, 2021	December 31, 2020
Accrued expenses and other current liabilities:		
VAT payable	\$ 3,084	\$ 9,882
Contingent consideration	1,710	—
Payroll related including bonus	5,814	2,361
Accrued professional fees	4,341	1,750
Accrued third-party logistics fees	272	1,295
Refund liability	1,100	785
Current portion of long-term debt	1,429	182
Other	5,152	3,317
	<u>\$ 22,902</u>	<u>\$ 19,572</u>

Customer Deposits

For certain product offerings such as premium, patented, child-resistant packaging, closed-system vaporization solutions and custom-branded retail products, we may receive a deposit from the customer (generally 25% - 50% of the total order cost, but the amount can vary by customer contract), when an order is placed by a customer. We typically complete orders related to customer deposits within one to six months from the date of order, depending on the complexity of the customization and the size of the order, but the order completion timeline can vary by product type and terms of sale with each customer. Changes in our customer deposits liability balance during the nine months ended September 30, 2021 were as follows:

<i>(in thousands)</i>	Customer Deposits
Balance as of December 31, 2020	\$ 2,729
Customer deposits assumed as part of KushCo acquisition (Note 3 - Business Acquisitions)	3,934
Increases due to deposits received, net of other adjustments	9,728
Revenue recognized	(9,874)
Balance as of September 30, 2021	<u>\$ 6,517</u>

Accumulated Other Comprehensive Income (Loss)

The components of accumulated other comprehensive income (loss) for the periods presented were as follows:

<i>(in thousands)</i>	Foreign Currency Translation	Unrealized Loss on Derivative Instrument	Total
Balance at December 31, 2020	\$ 183	\$ (154)	\$ 29
Other comprehensive (loss) income	(59)	256	197
Less: Other comprehensive loss (income) attributable to non-controlling interest	20	(154)	(134)
Balance at September 30, 2021	<u>\$ 144</u>	<u>\$ (52)</u>	<u>\$ 92</u>

<i>(in thousands)</i>	Foreign Currency Translation	Unrealized Loss on Derivative Instrument	Total
Balance at December 31, 2019	\$ (22)	\$ (50)	\$ (72)
Other comprehensive income (loss)	130	(525)	(395)
Less: Other comprehensive (income) loss attributable to non-controlling interest	(87)	400	313
Balance at September 30, 2020	\$ 21	\$ (175)	\$ (154)

Supplier Concentration

Our four largest vendors accounted for an aggregate of approximately 29.2% and 22.8% of our total net sales and 53.2% and 84.0% of our total purchases for the three and nine months ended September 30, 2021, respectively, and an aggregate of approximately 38.4% and 22.1% of our total net sales and 27.9% and 43.1% of our total purchases for the three and nine months ended September 30, 2020, respectively. We expect to maintain our existing relationships with these vendors.

Related Party Transactions

The Company sold certain products and supplies to a related party during the three months ended September 30, 2021. Sales to related parties during the three and nine months ended September 30, 2021 totaled \$6.1 million. Sales to related parties during the three and nine months ended September 30, 2020 were \$0. Total accounts receivable due from related parties were \$0.4 million and \$0 as of September 30, 2021 and December 30, 2020, respectively.

NOTE 9. STOCKHOLDERS' EQUITY

Class A Common Stock Repurchase Program

In November 2019, our Board of Directors approved a stock repurchase program authorizing up to \$0 million in repurchases of our outstanding shares of Class A common stock. Under the program, we may repurchase shares in accordance with all applicable securities laws and regulations, including Rule 10b-18 of the Securities Exchange Act of 1934, as amended. We may periodically repurchase shares in open market transactions, directly or indirectly, in block purchases and in privately negotiated transactions or otherwise. The timing, pricing, and amount of any repurchases under the share repurchase program will be determined by management at its discretion based on a variety of factors, including, but not limited to, trading volume and market price of our Class A common stock, corporate considerations, our working capital and investment requirements, general market and economic conditions, and legal requirements. The share repurchase program does not obligate us to repurchase any common stock and may be modified, discontinued, or suspended at any time. Shares of Class A common stock repurchased under the program are subsequently retired. There were no share repurchases under the program during the three and nine months ended September 30, 2021 or 2020.

Non-Controlling Interest

As discussed in "Note 1—Business Operations and Organization," we consolidate the financial results of the Operating Company in our condensed consolidated financial statements and report a non-controlling interest related to the Common Units held by non-controlling interest holders. As of September 30, 2021, we owned 78.5% of the economic interests in the Operating Company, with the remaining 21.5% of the economic interests owned by non-controlling interest holders. The non-controlling interest in the accompanying consolidated statements of operations and comprehensive loss represents the portion of the net loss attributable to the economic interest in the Operating Company held by the non-controlling holders of Common Units calculated based on the weighted average non-controlling interests' ownership during the periods presented.

At-the-Market Equity Offering

In August 2021, we established an "at-the-market" equity offering program (the "ATM Program") that provides for the sale of shares of our Class A common stock having an aggregate offering price of up to \$0 million, from time to time, through Cowen and Company, LLC, as the sales agent. Net proceeds from sales of our shares of Class A common stock under the ATM Program are expected to be used for working capital and general corporate purposes.

Sales of our Class A common stock under the ATM Program may be made by means of transactions that are deemed to be an "at the market offering" as defined in Rule 415(a)(4) under the Securities Act, including sales made directly on the Nasdaq Global Market or sales made to or through a market maker or through an electronic communications network. We are under no obligation to offer and sell shares of our Class A common stock under the ATM Program. Since the launch of the ATM program and through September 30, 2021, we sold 54,278 shares of our Class A common stock under the ATM Program, which generated gross proceeds of approximately \$0.2 million.

Common Stock and Warrant Offering

On August 9, 2021, we entered into securities purchase agreements with certain accredited investors, pursuant to which we agreed to issue and sell an aggregate of 1,200,000 shares of our Class A common stock, pre-funded warrants to purchase up to 5,926,583 shares of our Class A common stock (the "Pre-Funded Warrants") and warrants to purchase up to 6,075,950 shares of our Class A common stock (the "Standard Warrants" and, together with the Pre-Funded Warrants, the "Warrants"), in a registered direct offering (the "Offering"). The shares of Class A common stock and Warrants were sold in Units (the "Units"), with each unit consisting of one share of Class A common stock or a Pre-Funded Warrant and a Standard Warrant to purchase 0.6 of a share of our Class A common stock. The Units were offered pursuant to our existing shelf registration statement on Form S-3. Subject to certain ownership limitations, the Standard Warrants were immediately exercisable at an exercise price equal to \$3.55 per share of Class A common stock. The Standard Warrants are exercisable for five years from the date of issuance. Each Pre-Funded Warrant was exercisable for one Share of Class A common stock at an exercise price of \$0.01. The Offering generated gross proceeds of approximately \$31.9 million and net proceeds to the Company of approximately \$29.9 million.

All Pre-Funded Warrants were exercised prior to September 30, 2021, based upon which we issued an additional 5,926,583 shares of our Class A common stock, for net proceeds of approximately \$0.1 million.

Net Loss Per Share

Basic net loss per share of Class A common stock is computed by dividing net loss attributable to Greenlane by the weighted-average number of shares of Class A common stock outstanding during the period. Diluted net loss per share of Class A common stock is computed by dividing net loss attributable to Greenlane by the weighted-average number of shares of Class A common stock outstanding adjusted to give effect to potentially dilutive elements.

A reconciliation of the numerator and denominator used in the calculation of basic and diluted net loss per share of Class A common stock is as follows (in thousands, except per share amounts):

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2021	2020	2021	2020
<i>Numerator:</i>				
Net loss	\$ (28,715)	\$ (13,793)	\$ (42,269)	\$ (36,844)
Less: Net loss attributable to non-controlling interests	(12,434)	(9,300)	(18,689)	(25,839)
Net loss attributable to Class A common stockholders	\$ (16,281)	\$ (4,493)	\$ (23,580)	\$ (11,005)
<i>Denominator:</i>				
Weighted average shares of Class A common stock outstanding	39,735	12,798	24,061	11,559
Net loss per share of Class A common stock - basic and diluted	\$ (0.41)	\$ (0.35)	\$ (0.98)	\$ (0.95)

For the three and nine months ended September 30, 2021 and 2020, respectively, shares of Class B common stock, shares of Class C common stock and stock options and warrants to purchase Class A common stock were excluded from the weighted-average in the computation of diluted net loss per share of Class A common stock because the effect would have been anti-dilutive.

Shares of our Class B common stock and Class C common stock do not share in our earnings or losses and are therefore not participating securities. As such, separate calculations of basic and diluted net loss per share for each of our Class B common stock and Class C common stock under the two-class method have not been presented.

Class C Common Stock Conversion

Pursuant to the Merger Agreement, immediately prior to the consummation of the Mergers, holders of Class C common stock, \$0.0001 par value per share, received one-third of one share of Class B common stock, for each share of Class C common stock held, and Greenlane adopted the A&R Charter which eliminated Class C common stock as a class of Greenlane's capital stock. See "Note 3 - Business Acquisitions" for additional details regarding our acquisition of KushCo, which was completed on August 31, 2021.

NOTE 10. COMPENSATION PLANS

Amended and Restated 2019 Equity Incentive Plan

In April 2019, we adopted the 2019 Equity Incentive Plan (the "2019 Plan"). We previously registered 5,000,000 shares of Class A common stock that are or may become issuable under the 2019 Plan as stock options and other equity-based awards to employees, directors and executive officers. In August 2021, we adopted, and our shareholder approved the Amended and Restated 2019 Equity Incentive Plan (the "Amended 2019 Plan"), which amends and restates the 2019 Plan in its entirety. The

Amended 2019 Plan, among other things, increases the number of shares of Class A common stock available for issuance under the 2019 Plan by 2,860,367.

The Amended 2019 Plan provides eligible participants with compensation opportunities in the form of cash and equity incentive awards. The 2019 Plan is designed to enhance our ability to attract, retain and motivate our employees, directors, and executive officers, and incentivizes them to increase our long-term growth and equity value in alignment with the interests of our stockholders.

On August 31, 2021, we completed our previously announced merger with KushCo Holdings, Inc. ("KushCo"), pursuant to the terms of an Agreement and Plan of Merger, dated as of March, 31, 2021 (the "Merger Agreement"). See "Note 3 - Business Acquisitions" for additional details.

At the effective time of the Mergers, options to purchase shares of Class A common stock (the "Greenlane options") and shares of Greenlane restricted stock were treated as follows:

- Each unvested Greenlane option, other than Greenlane options held by non-employee directors of Greenlane, accelerated and became vested in full;
- Each Greenlane option held by non-employee directors of Greenlane, whether vested or unvested, remained outstanding (and unvested, as applicable) in accordance with the terms of Greenlane's equity plan covering each such option;
- Each unvested share of Greenlane restricted stock and each unvested common unit of the Operating Company, other than Greenlane restricted stock or Greenlane restricted common units held by non-employee directors of Greenlane, accelerated and became vested in full in accordance with the terms of Greenlane's equity plan covering each such award; and
- Each unvested share of Greenlane restricted stock or Greenlane restricted common units of Greenlane held by non-employee directors of Greenlane, whether vested or unvested, remained outstanding (and unvested, as applicable) in accordance with the terms of Greenlane's equity plan covering each such award.

The Greenlane equity awards vesting acceleration was accounted for as a modification under ASC Topic 718, *Compensation - Stock Compensation*.

KushCo Equity Plan

As described in "Note 3 - Business Acquisitions," in connection with the Mergers, we assumed the sponsorship of the KushCo Equity Plan. We do not intend to make future grants under the KushCo Equity Plan.

Equity-Based Compensation Expense

Equity-based compensation expense is included within "salaries, benefits and payroll taxes" in our condensed consolidated statement of operations and comprehensive loss. We recognized equity-based compensation expense as follows:

<i>(in thousands)</i>	Three Months Ended September 30,		Nine Months Ended September 30,	
	2021	2020	2021	2020
Stock options - Class A common stock	\$ 2,672	\$ 456	\$ 3,267	\$ 1,198
Restricted shares - Class A common stock	752	—	996	—
Restricted stock units (RSUs) - Class A common stock	11	17	50	18
Common units of the Operating Company	376	(1,453)	449	(1,034)
Total equity-based compensation expense	\$ 3,811	\$ (980)	\$ 4,762	\$ 182

Total remaining unrecognized compensation expense as of September 30, 2021 was as follows:

	Remaining Unrecognized Compensation Expense September 30, 2021	Weighted Average Period over which Remaining Unrecognized Compensation Expense is Expected to be Recognized
	<i>(in thousands)</i>	<i>(in years)</i>
Stock options - Class A common stock	\$ 2,448	0.7
Restricted shares - Class A common stock	23	0.5
Restricted stock units (RSUs) - Class A common stock	39	2.7
Common units of the Operating Company	—	0
Total remaining unrecognized compensation expense	\$ 2,510	

NOTE 11. INCOME TAXES

As a result of the IPO we own a portion of the Common Units of the Operating Company, which is treated as a partnership for U.S. federal and most applicable state and local income tax purposes. As a partnership, the Operating Company is generally not subject to U.S. federal and certain state and local income taxes. Any taxable income or loss generated by the Operating Company is passed through to and included in the taxable income or loss of its members, including Greenlane, on a pro-rata basis, in accordance with the terms of the Operating Agreement. The Operating Company is also subject to taxes in foreign jurisdictions. We are a corporation subject to U.S. federal income taxes, in addition to state and local income taxes, based on our share of the Operating Company's pass-through taxable income.

As of September 30, 2021 and December 31, 2020, management performed an assessment of the realizability of our deferred tax assets based upon which management determined that it is not more likely than not that the results of operations will generate sufficient taxable income to realize portions of the net operating loss benefits. Consequently, we established a full valuation allowance against our deferred tax assets, and reflected a carrying balance of \$0 as of September 30, 2021 and December 31, 2020, respectively. In the event that management determines that we would be able to realize our deferred tax assets in the future in excess of their net recorded amount, an adjustment to the valuation allowance will be made, which would reduce the provision for income taxes. The provision for and benefit from income taxes for the three and nine months ended September 30, 2021 and 2020, respectively, relates to taxes in foreign jurisdictions, including Canada and the Netherlands.

For the three and nine months ended September 30, 2021, the effective tax rate differed from the U.S. federal statutory tax rate of 21% primarily due to the Operating Company's pass-through structure for U.S. income tax purposes, the relative mix in earnings and losses in the U.S. versus foreign tax jurisdictions, and the valuation allowance against the deferred tax asset.

For the three and nine months ended September 30, 2021, we did not have any unrecognized tax benefits as a result of tax positions taken during a prior period or during the current period. No interest or penalties have been recorded as a result of tax uncertainties.

The Coronavirus Aid, Relief, and Economic Security Act ("CARES Act"), which was enacted on March 27, 2020, made tax law changes to provide financial relief to companies as a result of the business impacts of COVID-19. Key income tax provisions of the CARES Act include changes in net operating loss carryback and carryforward rules, acceleration of alternative minimum tax credit recovery, increase in the net interest expense deduction limit and charitable contribution limit, and immediate write-off of qualified improvement property. The changes are not expected to have a significant impact on us.

Tax Receivable Agreement (TRA)

We entered into the TRA with the Operating Company and each of the members that provides for the payment by the Operating Company to the members of 85% of the amount of tax benefits, if any, that we may actually realize (or in some circumstances are deemed to realize) as a result of (i) increases in tax basis resulting from any future redemptions of Common Units as described in "Note 1—Business Operations and Organization" and (ii) certain other tax benefits attributable to payments made under the TRA.

The annual tax benefits are computed by calculating the income taxes due, including such tax benefits, and the income taxes due without such benefits. The Operating Company expects to benefit from the remaining 5% of any tax benefits that it may actually realize. The TRA payments are not conditioned upon any continued ownership interest in the Operating Company. The rights of each noncontrolling interest holder under the TRA are assignable to transferees of its interest in the Operating Company. The timing and amount of aggregate payments due under the TRA may vary based on a number of factors, including the amount and timing of the taxable income the Operating Company generates each year and the applicable tax rate.

As noted above, we evaluated the realizability of the deferred tax assets resulting from the IPO and established a full valuation allowance against those benefits. As a result, we determined that the amount or timing of payments to noncontrolling interest holders under the TRA are no longer probable or reasonably estimable. Based on this assessment, our TRA liability was \$0 as of September 30, 2021 and December 31, 2020.

If utilization of the deferred tax assets subject to the TRA becomes more likely than not in the future, we will record a liability related to the TRA, which would be recognized as expense within our condensed consolidated statements of operations and comprehensive (loss) income.

During the three and nine months ended September 30, 2021 and 2020, we did not make any payments, inclusive of interest, to members of the Operating Company pursuant to the TRA.

NOTE 12. SEGMENT REPORTING

We merchandise vaporizers and other products in the United States, Canada and Europe and we distribute to retailers through our wholesale operations and to consumers through e-commerce activities and 4 brick and mortar locations; with two in the

United States, one in Spain and one in the Netherlands. We define our segments as those operations whose results our Chief Operating Decision Makers ("CODMs") regularly review to analyze performance and allocate resources. Therefore, segment information is prepared on the same basis that management reviews financial information for operational decision-making purposes.

On August 31, 2021, we completed our acquisition of KushCo, see "Note 3 - Business Acquisitions" for additional details. The assignment of goodwill recognized from this business combination to reporting units has not yet been completed as of the date of these financial statements. We expect to make a determination relating to the application of the segment reporting disclosure requirements applicable to KushCo during the fourth quarter of 2021.

The reportable segments identified are our business activities for which discrete financial information is available and for which operating results are regularly reviewed by our CODMs. As of September 30, 2021, we have three reportable segments: (1) United States, (2) Canada and (3) Europe. The United States operating segment is comprised of our United States operations, the Canadian operating segment is comprised of our Canadian operations, and the European operating segment is comprised of our European operations, currently based in the Netherlands. Corporate and other activities which are not allocated to our reportable segments consist primarily of equity-based compensation expenses and other corporate overhead items. We sell similar products and services in each of our segments.

The table below provides information on revenues from external customers, intersegment revenues, and income (loss) before income taxes for our reportable segments for the three and nine months ended September 30, 2021 and 2020. We eliminate intersegment revenues in consolidation.

(in thousands)	Three Months Ended September 30,		Nine Months Ended September 30,	
	2021	2020	2021	2020
Revenue from external customers:				
United States	\$ 37,501	\$ 28,984	\$ 96,862	\$ 82,482
Canada	982	4,447	4,955	12,362
Europe	2,831	2,333	8,221	7,188
Corporate and other	—	—	—	—
	<u>\$ 41,314</u>	<u>\$ 35,764</u>	<u>\$ 110,038</u>	<u>\$ 102,032</u>
Intercompany revenues:				
United States	\$ 4,092	\$ 3,865	\$ 10,129	\$ 9,273
Canada	—	17	16	55
Europe	608	561	2,058	1,653
Corporate and other	—	—	—	—
	<u>\$ 4,700</u>	<u>\$ 4,443</u>	<u>\$ 12,204</u>	<u>\$ 10,981</u>
Income (loss) before income taxes:				
United States	\$ (18,969)	\$ (10,757)	\$ (25,378)	\$ (27,353)
Canada	(94)	321	(730)	626
Europe	(2,186)	(3,187)	(2,679)	(4,320)
Corporate and other	(7,464)	50	(13,494)	(5,650)
	<u>\$ (28,712)</u>	<u>\$ (13,573)</u>	<u>\$ (42,280)</u>	<u>\$ (36,697)</u>

NOTE 13. SUBSEQUENT EVENTS

On October 13, 2021, we entered into an Asset Purchase Agreement (the "Purchase Agreement") to acquire the Organixix, LLC (d/b/a DaVinci and hereinafter referred to as "DaVinci") brand and substantially all of the assets of DaVinci. Pursuant to the Purchase Agreement, the total consideration for the acquisition will be up to \$20.0 million, comprised of both cash and the issuance of shares of our Class A common stock to DaVinci and certain of its affiliates. As partial consideration for the acquisition, we will issue a number of shares of our Class A common stock to DaVinci and certain of its affiliates equal to the quotient obtained by dividing (i) \$5,250,000 by (ii) the 10-day volume-weighted average price per share of our Class A common stock on the Nasdaq Global Market (the "Nasdaq") as measured on the date immediately prior to the closing of the transaction and rounded up to the next whole share. In addition, we may be required to issue a number of shares of our Class A common stock equal to the quotient obtained by dividing (i) \$3,000,000 by (ii) the 10-day volume-weighted average price per share of our Class A common stock on the Nasdaq measured as of December 31, 2021 and rounded up to the next whole share upon DaVinci's attainment of certain financial benchmarks. In addition, we may be required to issue a number of shares of our Class A common stock equal to the quotient obtained by dividing (i) \$250,000 by (ii) the 10-day volume-weighted average price per share of our Class A common stock on the Nasdaq measured as of the close of business the day immediately prior to the date that a public announcement is made regarding each qualifying new product launch by DaVinci in the 24 month period.

following the closing of the transaction (subject to extension under certain circumstances) and rounded up to the next whole share, subject to a \$1,750,000 cap. The closing of the acquisition is expected to occur in the fourth quarter of 2021.

ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

The following discussion and analysis of our financial condition and results of operations should be read in conjunction with the unaudited condensed consolidated financial statements and related notes of Greenlane Holdings, Inc. and its consolidated subsidiaries ("Greenlane" and, collectively with the Operating Company and its consolidated subsidiaries, the "Company", "we", "us" and "our") for the quarterly period ended September 30, 2021 included in Part I, Item 1 of this Quarterly Report on Form 10-Q, and the audited consolidated financial statements and related notes of Greenlane Holdings, Inc. for the year ended December 31, 2020, which are included in our Annual Report on Form 10-K.

Note Regarding Forward-Looking Statements

This Quarterly Report on Form 10-Q contains forward-looking statements that involve risks and uncertainties, such as statements about our plans, objectives, expectations, assumptions or future events. In some cases, you can identify forward-looking statements by terminology such as "anticipate," "estimate," "plan," "project," "continuing," "ongoing," "expect," "believe," "intend," "may," "will," "should," "could" and similar expressions. Examples of forward-looking statements include, without limitation:

- the impacts of the novel coronavirus ("COVID-19") pandemic and measures intended to prevent or mitigate its spread, and our ability to accurately assess and predict such impacts on our results of operations, financial condition, acquisition and disposition activities, and growth opportunities;
- statements regarding our growth and other strategies, results of operations or liquidity;
- statements concerning projections, predictions, expectations, estimates or forecasts as to our business, financial and operational results and future economic performance;
- statements regarding our industry;
- statements of management's goals and objectives;
- statements regarding anticipated government regulations and policies;
- projections of revenue, earnings, capital structure and other financial items;
- assumptions underlying statements regarding us or our business; and
- other similar expressions concerning matters that are not historical facts.

Forward-looking statements should not be read as a guarantee of future performance or results and will not necessarily be accurate indications of the times at, or by, which such performance or results will be achieved. Forward-looking statements are based on information available at the time those statements are made or management's good faith belief as of that time with respect to future events and are subject to risks and uncertainties that could cause actual performance or results to differ materially from those expressed in or suggested by the forward-looking statements. Factors that might cause such a difference include those discussed in our filings with the SEC, under the heading "Risk Factors" in our Annual Report on Form 10-K for the year ended December 31, 2020 and included under Item 1A "Risk Factors" in our Quarterly Report on Form 10-Q for the quarter ended June 30, 2021 and in this Quarterly Report on Form 10-Q.

Forward-looking statements involve estimates, assumptions, known and unknown risks, uncertainties and other factors that could cause actual results to differ materially from any future results, performances, or achievements expressed or implied by the forward-looking statements. Additional risks and uncertainties not currently known to us or that we currently deem to be immaterial also may materially adversely affect our business, financial condition or operating results.

Except as required under the federal securities laws and rules and regulations of the SEC, we undertake no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise. You are cautioned not to unduly rely on such forward-looking statements when evaluating the information presented herein. These statements should be considered only after carefully reading the risk factors and the other information in our Annual Report on Form 10-K for the year ended December 31, 2020, the risk factors in our Quarterly Report on Form 10-Q for the quarter ended June 30, 2021 and this entire Quarterly Report on Form 10-Q.

Overview

Founded in 2005, Greenlane is the premier global platform for the development and distribution of premium cannabis accessories, child-resistant packaging, vape solutions, and lifestyle products. In August 2021, we completed our transformational merger with KushCo, creating the leading ancillary cannabis company and house of brands. The combined company serves a diverse and expansive customer base with more than 8,000 retail locations, which includes many of the leading multi-state-operators and licensed producers, the top smoke shops in the United States, and millions of consumers globally. In addition to enhancing our financial size and scale, along with creating an optimized platform with significant potential revenue and cost saving synergies, the merger strengthened our best-in-class proprietary owned brands and exclusive third-party brand offerings.

We have been developing a world-class portfolio of our own proprietary brands (the "Greenlane Brands") that we believe will, over time, deliver higher margins and create long-term value for our customers and shareholders. Our Greenlane Brands are comprised of child-resistant packaging innovator Pollen Gear, VIBES rolling papers; the Marley Natural accessory line; the K.Haring Glass Collection accessory line; Aerspaced & Groove grinders; Cookies lifestyle line; and Higher Standards, which is both an upscale product line and an innovative retail experience with flagship stores at New York City's famed Chelsea Market and the iconic Malibu Village in California. During 2021, we have taken significant strides to grow our brand portfolio including with the March acquisition of substantially all of the assets of Eyce LLC and more recently, in October, the execution of a definitive agreement to acquire substantially all of the assets of DaVinci LLC. Furthermore, as a pioneer in the ancillary cannabis space, Greenlane is the partner of choice for many of the industry's leading MSOs, LPs, and brands, including PAX Labs, Grenco Science, Storz & Bickel, Firefly, DaVinci, Santa Cruz Shredder, Cookies, and CCELL.

We also own and operate several industry-leading e-commerce platforms, including Vapor.com, Higherstandards.com, Aerspaced.com, Haringglass.com, Eycemolds.com, Canada.Vapor.com, Vaposhop.com, and recently-acquired Puffitup.com. These e-commerce platforms offer convenient, flexible shopping solutions directly to consumers.

We merchandise vaporizers, packaging, and other products in the United States, Canada and Europe and we distribute to retailers through wholesale operations and to consumers through e-commerce activities and our retail stores. We operate distribution centers in the United States, Canada, and Europe. With the completion of the distribution center consolidation and the merger with KushCo, we have established a lean and scalable distribution network that leverages a mix of leased warehoused spaces in California and Massachusetts along with third-party logistics ("3PL") locations in our US, Canadian, and European reporting segments.

We have three distinct operating segments, including our United States, Canadian, and European operations. Under those segments, we market and sell our products in the business to business ("B2B"), business to consumer ("B2C") and supply and packaging ("S&P") areas of the marketplace. We have a diverse base of customers, and our top ten customers accounted for only 22.9% and 11.8% of our net sales for the three and nine months ended September 30, 2021, with no single customer accounting for more than 6.1% and 2.3% of our net sales for the three and nine months ended September 30, 2021. Our sales teams regularly interact with customers to service their frequent restocking needs. We believe our high-touch customer service model strengthens relationships, builds loyalty and drives repeat business.

Summary of Results – Comparison of Three and Nine Months Ended September 30, 2021 and September 30, 2020

For the three months ended September 30, 2021, our B2B and S&P revenues represented approximately 40.2% and 40.2% of net sales, respectively, as compared to 63.3% and 11.8% of net sales, respectively, during the same period in 2020. The decrease in B2B and increase in S&P sales as a percentage of total revenue was driven by an increase of \$13.0 million in S&P sales as a result of the KushCo merger. B2C and Channel and Drop-Ship revenues represented 9.8% and 9.9% of net sales, respectively in the third quarter of 2021 compared to 11.9% and 13.1% during the same period in 2020. These decreases were also driven by the increase in overall sales due to the KushCo merger.

For the three and nine months ended September 30, 2021, our net sales increased by \$5.6 million and \$8.0 million compared to the three and nine months ended September 30, 2020 due to the \$13.0 million revenue increase from KushCo's September sales. Similar to previous quarters during 2021, nicotine revenue continues to be minimal representing 0.3% of total revenue for the three months ended September 30, 2021.

For the three months ended September 30, 2021, Greenlane Brands sales totaled \$8.4 million, representing a \$1.7 million, or 25.7%, increase as compared to the three months ended September 30, 2020. For the nine months ended September 30, 2021, net Greenlane Brands sales grew \$6.5 million, or 33.4%, to \$25.9 million compared to \$19.4 million in the nine months ended September 30, 2020. As a percentage of total sales, Greenlane Brands sales increased from 18.7% of total revenue for Q3 2020, to 20.4% of total revenue for Q3 2021. The growth in VIBES was the largest driver of this increase with a record three and nine months revenues. Total VIBES revenue was \$3.2 million and \$8.9 million for the three and nine months

ended September 30, 2021 and compared to \$1.3 million and \$3.8 million for the same periods in 2020, representing increases of \$1.9 million, or 144.3%, and \$5.1 million, or 134.8%, respectively. As we look ahead to the key drivers of growth in our business, we will continue to focus on the higher-margin parts of the business that will better position us for the long-term, through continued investment in growing our Greenlane Brands.

With respect to our purchasing activities, we have experienced supply chain issues for both Greenlane Brands and other top selling brands due to record shipment backlogs that impacted various southern California ports over the course of the year. We are continuing to monitor our supply-chain activities and are making adjustments to our purchasing to meet any anticipated changes in demand and product availability.

Regulatory Developments

Our operating results and prospects will be impacted, directly and indirectly, by regulatory developments at the local, state, and federal levels. Certain changes in local, state, national, and international laws and regulations, such as increased legalization of cannabis, create significant opportunities for our business. However, other changes to laws and regulations result in restrictions on which products we are permitted to sell and the manner in which we market our products, increased taxation of our products, and negative changes to the public perceptions of our products, among other effects.

We believe the continuing trend of states' legalization of medicinal and adult-use cannabis is likely to contribute to an increase in the demand for many of our products. In the 2020 election, voters approved ballot initiatives legalizing adult-use cannabis in New Jersey, Arizona, Montana and South Dakota. More recently, voters also approved initiatives legalizing medical marijuana in Mississippi and South Dakota. Additionally, New York, New Mexico, Virginia, and Connecticut have also passed laws permitting adult-use cannabis. Although we expect additional states to follow suit, we can provide no assurances that additional states will legalize cannabis or that legal challenges will not impede legalization in jurisdictions where ballot initiatives or legislation have already passed.

Additionally, efforts to reform federal laws related to marijuana in the United States have gained momentum recently. In July 2021, Senate Majority Leader Chuck Schumer, along with other senators, introduced the Cannabis Administration and Opportunity Act ("CAOA"). If adopted, the CAOA would legalize the sale of cannabis under federal law, subject to regulation by various state and federal agencies. While many commentators view the CAOA as having low odds of passage this year, we believe that the introduction of this bill is a significant step forward towards federal legalization of cannabis.

In response to health concerns, including concerns about e-cigarette or vaping product use associated lung injury ("EVALI") and about people under the age of eighteen using vaping products, several localities, states, and the federal government have enacted measures restricting the sale of certain types of vaping products. For example, on December 20, 2019, legislation was signed into law that raised the federal minimum age of sale for tobacco products from 18 to 21. As another example, on January 2, 2020, the United States Food and Drug Administration ("FDA") announced a new policy prioritizing enforcement against certain unauthorized flavored e-cigarette products that appeal to minors, including fruit and mint flavors, as well as of any other products that are targeted to minors. More recently, as discussed above, the FDA announced its intention to take enforcement measures related to ENDS products offered for sale after September 9, 2020 for which the manufacturer has not submitted a Premarket Tobacco Product Application ("PMTA"). Additionally, some state, provincial, and local governments have enacted or plan to enact laws and regulations that restrict the sale of certain types of vaping products. For example, several states and localities have implemented bans on certain flavored vaping products in an effort to reduce the appeal of such products to minors and some localities have banned the sale of nicotine vaping products entirely. Other states, including Arkansas, Maine, Utah, and Vermont have banned the sale of vaporizers direct to consumers through mail. These new vaping laws are rapidly shifting and, in some instances, have been repealed or narrowed as the result of successful legal challenges. Laws banning certain vaping products or restricting the manner in which they may be sold have taken effect or will soon take effect in Arkansas, Massachusetts, New York, New Jersey, Maryland, Rhode Island, Vermont, Utah and Maine among other jurisdictions. Taken together, these federal, state, and provincial restrictions on vaping products could materially and adversely affect our revenues. The ultimate impact of these policy developments will depend upon, among other things, the types and quantities of products we sell that are encompassed by each ban, the success of legal challenges to the bans, our suppliers' actions to adapt to actual and potential regulatory changes, and our ability to provide alternative products.

In addition, 28 states and the District of Columbia have recently adopted laws imposing taxes on liquid nicotine. Additionally, at least eleven states have adopted laws imposing taxes on vaporizers. These taxes will result in increased prices to end consumers, which may adversely impact the demand for our products. We expect these taxes would impact our competitors similarly, assuming their compliance with applicable laws.

Prevent All Cigarette Trafficking (PACT Act) Amendment

As part of the "Consolidated Appropriations Act, 2021," Congress amended the Prevent All Cigarette Trafficking Act ("PACT Act") to apply to electronic nicotine delivery systems ("ENDS"), as that term is defined by the PACT Act. The PACT Act, among other things, prohibits the use of the U.S. Postal Service ("USPS") to deliver ENDS. The PACT Act also requires

that sellers of ENDS implement certain age verification measures for direct-to-consumer sales, register with the Bureau of Alcohol, Tobacco, Firearms and Explosives ("ATF") and the tobacco tax administrators of the states into which shipments are made, and file monthly reports demonstrating payment of applicable taxes. Additionally, possibly as a result of the PACT Act amendments, FedEx and UPS adopted policies banning the shipment of vaping products starting on March 1st, 2021 and April 5th, 2021, respectively. Substantial uncertainty exists regarding which products may not be shipped pursuant to the PACT Act and the policies of FedEx and UPS. On October 20, 2021, USPS released its final rules (the "Final Rule") addressing the definition of ENDS under the PACT Act, among other topics. The Final Rule makes clear that products which are incapable of use with a liquid solution are not considered ENDS and, therefore, are not subject to the PACT Act's mailing ban. The vast majority of our parcel shipments have not historically contained products defined as ENDS under the PACT Act and we have access to alternative carriers to continue shipping ENDS, albeit at a higher cost. There is minimal impact to our Industrial Goods division, which distributes products defined as ENDS under the PACT Act via freight. Notwithstanding the foregoing, if FedEx and UPS continue to maintain restrictive shipping policies, our shipping costs will be adversely impacted.

Despite the logistical and regulatory burdens created by the PACT Act and the carriers' policies, we believe we are well positioned in comparison to our competitors and may derive several advantages from the amended PACT Act. We already maintain the required state licensure and have a compliance infrastructure that is already being utilized to satisfy the PACT Act's requirements. In contrast, some of our competitors do not currently have the required licensure and may have to devote significant resources to achieve compliance with the PACT Act, if they can achieve compliance at all. Moreover, our shipping volumes enable us to obtain relatively favorable terms with private carriers who permit the shipment of ENDS. Additionally, our compliance and logistics capabilities also allow us to offer fulfillment services to companies that cannot or do not wish to directly ship ENDS to customers, potentially creating an additional revenue stream.

Critical Accounting Policies and Estimates

See Part II, Item 7, "Critical Accounting Policies and Estimates" in our Annual Report on Form 10-K for the year ended December 31, 2020. There have been no material changes to our critical accounting policies and estimates since our Annual Report on Form 10-K for the year ended December 31, 2020.

The impact of the PACT Act continues to unfold and remains uncertain. As a result, many of our estimates and assumptions, such as those used in determining the allowance for slow-moving or obsolete inventory, the accounts receivable allowance for doubtful accounts, the valuation of goodwill, and the valuation of contingent consideration required increased judgment and carried a higher degree of variability and volatility. As events continue to evolve and additional information becomes available, our estimates and assumptions may change materially in future periods.

Results of Operations

The following table presents our operating results (unaudited):

(\$ in thousands)	Three Months Ended September 30,						Nine Months Ended September 30,					
			% of net sales						% of net sales			
	2021	2020	% Change	2021	2020	2021	2020	% Change	2021	2020	% Change	
Net sales:												
United States	\$ 37,501	\$ 28,984	29.4 %	90.8 %	81.0 %	\$ 96,862	\$ 82,482	17.4 %	88.0 %	88.0 %		
Canada	982	4,447	(77.9) %	2.4 %	12.4 %	4,955	12,362	(59.9) %	4.5 %	4.5 %		
Europe	2,831	2,333	21.3 %	6.9 %	6.5 %	8,221	7,188	14.4 %	7.5 %	7.5 %		
Total net sales	41,314	35,764	15.5 %	100.0 %	100.0 %	110,038	102,032	7.8 %	100.0 %	100.0 %		
Cost of sales	41,192	33,297	23.7 %	99.7 %	93.1 %	94,832	85,419	11.0 %	86.2 %	86.2 %		
Gross profit	122	2,467	(95.1) %	0.3 %	6.9 %	15,206	16,613	(8.5) %	13.8 %	13.8 %		
Operating expenses:												
Salaries, benefits and payroll taxes	11,192	5,010	123.4 %	27.1 %	14.0 %	23,158	17,745	30.5 %	21.0 %	21.0 %		
General and administrative	15,430	10,673	44.6 %	37.3 %	29.8 %	30,885	25,758	19.9 %	28.1 %	28.1 %		
Goodwill impairment charge	—	—	*	— %	— %	—	8,996	*	— %	— %		
Depreciation and amortization	1,199	599	100.2 %	2.9 %	1.7 %	2,385	1,959	21.7 %	2.2 %	2.2 %		
Total operating expenses	27,821	16,282	(70.9) %	67.3 %	45.5 %	56,428	54,458	(3.6) %	51.3 %	51.3 %		
Loss from operations	(27,699)	(13,815)	(100.5) %	(67.0) %	(38.6) %	(41,222)	(37,845)	(8.9) %	(37.5) %	(37.5) %		
Other income (expense), net:												
Interest expense	(119)	(115)	3.5 %	(0.3) %	(0.3) %	(368)	(335)	9.9 %	(0.3) %	(0.3) %		
Other income (expense), net	(894)	357	(350.4) %	(2.2) %	1.0 %	(690)	1,483	(146.5) %	(0.6) %	(0.6) %		
Total other income (expense), net	(1,013)	242	(518.6) %	(2.5) %	0.8 %	(1,058)	1,148	(192.2) %	(0.9) %	(0.9) %		
Loss before income taxes	(28,712)	(13,573)	(111.5) %	(69.5) %	(38.0) %	(42,280)	(36,697)	(15.2) %	(38.4) %	(38.4) %		
Provision for (benefit from) income taxes	3	220	98.6 %	— %	0.6 %	(11)	147	107.5 %	— %	— %		
Net loss attributable to non-controlling interest	(12,434)	(9,300)	(33.7) %	(30.1) %	(26.0) %	(18,689)	(25,839)	27.7 %	(17.0) %	(17.0) %		
Net loss attributable to Greenlane Holdings, Inc.	\$ (16,281)	\$ (4,493)	(262.4) %	(39.4) %	(12.5) %	\$ (23,580)	\$ (11,005)	(114.3) %	(21.4) %	(21.4) %		

*Not meaningful

Net Sales
United States

Net sales in the United States for the three months ended September 30, 2021 were approximately \$37.5 million, as compared to approximately \$29.0 million in the same period in 2020. The year-over-year increase of \$8.5 million, or 29.4% was due to a \$12.3 million, or 304.9% increase in S&P sales driven by KushCo's September sales, which mitigated a decline in E-Commerce, Channel & Dropship and B2B sales of \$0.3 million, or 10.0%, \$0.6 million, or 14.7%, and \$2.9 million or 16.5%, respectively. For the nine months ended September 30, 2021, revenues in the United States increased by \$14.4 million, or 17.4% to \$96.9 million, compared to \$82.5 million for the nine months ended September 30, 2020.

Core revenue for the United States for the three and nine months ended September 30, 2021 grew to \$37.4 million and \$102.4 million, from \$28.0 million and \$80.3 million for the same periods in 2020, representing increases of \$9.4 million, or 33.6%, and \$22.1 million or 27.5%. The increase in core revenue was driven by our strategic shift away from low margin nicotine sales and increased emphasis on high margin product sales including Greenlane Brands.

In our United States segment, Greenlane Brands continue to perform well, with VIBES setting a quarterly sales revenue record for the 4th consecutive quarter, totaling \$3.2 million and representing a \$1.9 million or 158.2% increase for Q3 2021 as compared to the same period in 2020. Total Greenlane Brand revenue in the United States for the three and nine months ended September 30, 2021 was \$8.2 million and \$25.0 million as compared to \$6.2 million and \$18.2 million for the

three and nine months ended September 30, 2020, representing increases of \$1.9 million, or 31.1%, and \$6.8 million, or 37.6%, respectively.

Canada

Net sales in Canada for the three and nine months ended September 30, 2021 were approximately \$1.0 million and \$5.0 million, as compared to approximately \$4.4 million and \$12.4 million in the same periods in 2020, representing decreases of \$3.5 million, or 77.9% and \$7.4 million, or 59.9%. The decrease in sales was driven by decreases in nicotine sales of \$2.3 million, or 98.2%, and \$5.1 million, or 86.1%, in the three and nine months ended September 30, 2021, respectively, compared to the same periods in 2020. This decrease in nicotine sales is part of our strategic shift away from low margin sales. In the third quarter of 2021, we also incurred inventory shortages and a decrease in sales from the May ERP implementation which caused business disruptions throughout the quarter, including a shut-down in operations over a 10-day period in May. As Canadian operations have since stabilized from the ERP implementation operational disruption, we expect a recovery in sales during Q4 2021.

Europe

Net sales in Europe for the three and nine months ended September 30, 2021 were approximately \$2.8 million and \$8.2 million, as compared to approximately \$2.3 million and \$7.2 million, respectively, over the same periods of 2020, representing increases of \$0.5 million, or 21.3%, and \$1.0 million, or 14.4%. The third quarter increase was primarily due to the increase of third-party marketplace website sales of \$0.3 million, or 388.8%, and a \$0.2 million, or 21.5%, growth in our B2B sales. For the third quarter of 2021, the growth in third-party marketplace website sales and B2B mitigated the \$— million, or 4.3%, decrease in E-Commerce sales arising from web development issues, third-party marketplace sales cannibalization and increased market competition. We continue to see growth in our Greenlane Brands overseas with European Greenlane Brand revenue for the three and nine months ended September 30, 2021 at \$0.1 million and \$0.3 million, compared to \$0.1 million and \$0.1 million, respectively, for the three and nine months ended September 30, 2020.

Cost of Sales and Gross Margin

Gross margin for the three months ended September 30, 2021 decreased by 6.6% as compared to the same period in 2020, totaling 0.3%, while merchandise margins remained relatively flat increasing by 0.4% to 29.6% due to the impact of the KushCo September revenue merchandise margins of 20.8%. Excluding the impact of the KushCo September revenue, merchandise margins totaled 33.5%, representing a 4.3% increase driven by the aforementioned increase in Greenlane Brand sales. On a year-to-date perspective, overall margin decreased by 2.5%, from 16.3% to 13.8% due to an increase in inventory adjustments driven by management's post-merger strategic product rationalization of \$8.7 million. Excluding said inventory rationalization adjustments, adjusted margin totaled 21.3%. On a merchandise perspective, for the nine months ended September 30, 2021 margin totaled 31.5%, representing a 2.5% increase over the nine months ended September 30, 2020.

Gross margin, or gross profit as a percentage of net sales, has been and will continue to be affected by a variety of factors, including the average mark-up over the cost of our products; the mix of products sold; purchasing efficiencies; the level of sales for certain third-party brands, which carry contractual profit sharing obligations; and the potential impact on freight costs arising from passing of the PACT Act amendment noted under Regulatory Developments. Our products are sourced from suppliers who may use their own third-party manufacturers, and our product costs and gross margins may be impacted by the product mix we sell in any given period. Furthermore, legacy Greenlane and legacy KushCo margins are significantly different, due to their respective customer bases, product mix and types of transactions. Legacy KushCo revenue is comprised of a stable customer base of wholesale and business to business customers, resulting in a lower-volume of transactions with a higher average transaction price and lower margin sales. Conversely, legacy Greenlane sales are comprised of business to business, retail and e-commerce sales that consist of a higher volume of transactions with lower average prices and higher margins.

Salaries, Benefits and Payroll Taxes

For the three and nine months ended September 30, 2021, salaries, benefits and payroll taxes increased by approximately \$6.2 or 123% and \$5.4 million or 30.5%, as compared to the same period in 2020 primarily due to an increase in wages expense is largely driven by a post-merger stock compensation expense of \$3.8 million due to the acceleration of vesting periods.

As we continue to closely monitor the evolving business landscape, including the impacts of COVID-19 on our customers, vendors, and overall business performance, we remain focused on identifying cost-saving opportunities while delivering on our strategy to recruit, train, promote and retain the most talented and success-driven personnel in the industry. In light of the merger, management is continuing to explore opportunities in 2021 to further reduce salary expenses and other operating expenses.

General and Administrative Expenses

For the three and nine months ended September 30, 2021, general and administrative expenses increased approximately \$4.8 million, or 44.6%, and \$5.1 million, or 19.9%, as compared to the same period in 2020. The increases were primarily driven by (i) a \$1.6 million increase in M&A legal and professional services related expenses and \$2.9 million in directors and officers insurance expenses incurred with respect to the completed KushCo merger, (ii) a \$0.5 million increase in IT subcontracted services associated with various system implementations.

Other Income (Expense), Net

Other income (expense), net decreased by approximately \$1.3 million for the three months ended September 30, 2021 as compared to the same period in 2020, primarily due to a revaluation of the Eyce contingent consideration of \$0.6 million and a \$0.3 million loss from the change in fair value of equity investments.

Liquidity and Capital Resources

Our primary requirements for liquidity and capital are working capital, debt service related to recent acquisitions and potential future acquisitions and general corporate needs. Our primary sources of liquidity are our cash on hand and the cash flow that we generate from our operations. As of September 30, 2021, we had approximately \$13.2 million of cash, of which \$2.2 million was held in foreign bank accounts, and approximately \$70.8 million of working capital, which is calculated as total current assets minus total current liabilities, as compared to approximately \$30.4 million of cash, of which \$2.3 million was held in foreign bank accounts, and approximately \$54.2 million of working capital as of December 31, 2020. The repatriation of cash balances from our foreign subsidiaries could have adverse tax impacts or be subject to capital controls; however, these balances are generally available to fund the ordinary business operations of our foreign subsidiaries without legal or other restrictions.

On October 1, 2018, one of the Operating Company's wholly-owned subsidiaries closed on the purchase of a building for \$10.0 million, which serves as our corporate headquarters. The purchase was financed through a real estate term note (the "Real Estate Note") in the principal amount of \$8.5 million, with one of the Operating Company's wholly-owned subsidiaries as the borrower and Fifth Third Bank as the lender. Principal amounts plus any accrued interest at a rate of LIBOR plus 2.39% are due monthly. Our obligations under the Real Estate Note are secured by a mortgage on the property.

Our future liquidity needs may also include payments in respect of the redemption rights of the Common Units held by its members that may be exercised from time to time (should we elect to exchange such Common Units for a cash payment), payments under the TRA and state and federal taxes to the extent not sheltered by our tax assets, including those arising as a result of purchases, redemptions or exchanges of Common Units for Class A common stock. Although the actual timing and amount of any payments that may be made under the TRA will vary, the payments that we will be required to make to the members may be significant. Any payments made by us to the members under the TRA will generally reduce the amount of overall cash flow that might have otherwise been available to us or to the Operating Company and, to the extent that we are unable to make payments under the TRA for any reason, the unpaid amounts generally will be deferred and will accrue interest until paid by us; provided, however, that nonpayment for a specified period may constitute a material breach of a material obligation under the TRA and therefore may accelerate payments due under the TRA.

We believe that our cash on hand, combined with our ability to access the capital markets, will be sufficient to fund our working capital and capital expenditure requirements, as well as our debt repayments and other liquidity requirements associated with our existing operations, for at least the next 12 months. We have an effective shelf registration statement on Form S-3 and may opportunistically conduct securities offerings from time to time in order to meet our liquidity needs.

In August 2021, we established an "at-the-market" equity offering program (the "ATM Program") that provides for the sale of shares of our Class A common stock having an aggregate offering price of up to \$50 million, from time to time. Net proceeds from sales of our shares of Class A common stock under the ATM Program are expected to be used to fund potential business acquisitions and for working capital and general corporate purposes. Since the launch of the ATM program and through September 30, 2021, we sold 54,278 shares of our Class A common stock under the ATM Program, which generated gross proceeds of approximately \$0.2 million.

In addition, on August 11, 2021, we completed a public offering of 4,200,000 shares of Class A common stock, 5,926,583 pre-funded warrants to purchase shares of Class A common stock and 6,075,950 standard warrants to purchase shares of Class A common stock (the "Common Stock and Warrant Offering") for net proceeds of approximately \$29.9 million.

Our opinions concerning liquidity are based on currently available information. To the extent this information proves to be inaccurate, or if circumstances change, future availability of trade credit or other sources of financing may be reduced and our liquidity could be adversely affected. Our future capital requirements and the adequacy of available funds will depend on many factors, including those described in the section titled "Risk Factors" in Item 1A of our Form 10-Q for the quarter ended June 30, 2021 and in our Annual Report on Form 10-K for the year ended December 31, 2020. Depending on the severity and direct impact of these factors on us, we may be unable to secure additional financing to meet our operating requirements on terms favorable to us, or at all.

Cash Flows

The following summary of cash flows for the periods indicated has been derived from our condensed consolidated financial statements included elsewhere in this Quarterly Report on Form 10-Q:

<i>(in thousands)</i>	Nine Months Ended September 30,			
	2021		2020	
Net cash used in operating activities	\$	(32,028)	\$	(3,756)
Net cash used in investing activities		(14,256)		(3,579)
Net cash provided by (used in) financing activities		28,871		(310)

Net Cash Used in Operating Activities

During the nine months ended September 30, 2021, net cash used in operating activities of approximately \$32.0 million consisted of (i) net loss of \$42.3 million, offset by non-cash adjustments to net loss of approximately \$7.1 million, including stock-based compensation expense of approximately \$4.8 million, depreciation and amortization expense of approximately \$2.4 million, and a reversal on the allowance of an indemnification receivable of approximately \$1.7 million, and (ii) \$3.2 million cash used in working capital primarily driven by decreases in accounts payable, accrued expenses and customer deposits of approximately \$13.8 million, offset by decreases in accounts receivable, inventories, vendor deposits and other current assets of approximately \$17.0 million, which included the collection of an indemnification asset of approximately \$0.9 million, and the reduction of our VAT receivable balance upon the collection of a refund from the Dutch tax authorities of approximately \$4.1 million.

During the nine months ended September 30, 2020, net cash used in operating activities of approximately \$3.8 million was a result of a net loss of \$36.8 million offset by non-cash adjustments to net loss of approximately \$14.2 million, including stock-based compensation expense of approximately \$0.2 million, a loss related to an indemnification asset which was not probably of recovery of approximately \$2.2 million, a goodwill impairment charge of \$9.0 million, and a \$18.9 million increase in cash generated by working capital primarily driven by increases in accounts payable, inventories, accrued expenses and decreases in other current assets and deferred offering costs.

Net Cash Used in Investing Activities

During the nine months ended September 30, 2021, net cash used in investing activities of approximately \$14.3 million consisted of (i) approximately \$12.3 million of cash used for the acquisition of Eyece and KushCo, net of cash acquired, (ii) \$2.3 million for capital expenditures, including development costs for our new enterprise resource planning system, and (iii) \$0.3 million of cash for the purchase of intangible assets, offset by proceeds from the sale of assets held for sale of approximately \$0.7 million.

During the nine months ended September 30, 2020, we used approximately \$1.4 million of cash for capital expenditures, including computer hardware and software to support our growth and development and machinery to support the operations of our supply and packaging revenue stream. Additionally, we used approximately \$1.8 million for the acquisition of Conscious Wholesale, and \$0.3 million of cash for the acquisition of intangible assets.

Net Cash Provided by (Used in) Financing Activities

During the nine months ended September 30, 2021, net cash used in financing activities primarily consisted of cash proceeds of approximately \$29.5 million from the issuance of Class A common stock in conjunction with our ATM Program and the Common Stock and Warrant Offering in August 2021 and cash proceeds of approximately \$0.3 million from the exercise of stock options and warrants, offset by approximately \$0.7 million in payments on other long-term liabilities, notes payable and finance lease obligations and \$0.2 million in distributions.

During the nine months ended September 30, 2020, net cash used in financing activities primarily consisted of approximately \$0.3 million in payments on other long-term liabilities, notes payable and finance lease obligations.

Off-Balance Sheet Arrangements

As of September 30, 2021, we did not have any off-balance sheet arrangements that are reasonably likely to have a material current or future effect on our financial condition, results of operations, liquidity, capital expenditures, or capital resources.

ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

There have been no material changes to our quantitative and qualitative disclosures about market risk from those described under "Management's Discussion and Analysis of Financial Condition and Results of Operations" previously included in our Annual Report on Form 10-K for the year ended December 31, 2020.

ITEM 4. CONTROLS AND PROCEDURES

Management's Evaluation of Disclosure Controls and Procedures

We have established disclosure controls and procedures as defined in Rule 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934, as amended (the "Exchange Act"), that are designed to ensure that information required to be disclosed by us in the reports that we file or submit under the Exchange Act is recorded, processed, summarized and reported, within the time periods specified in the SEC's rules and forms, and is accumulated and communicated to management, including our Chief Executive Officer and our Chief Financial Officer, as appropriate, to allow for timely decisions regarding disclosure. In designing and evaluating the disclosure controls and procedures, management recognizes that any controls and procedures, no matter how well designed and operated, can provide only reasonable assurance of achieving the desired control objectives, and management is required to apply its judgment in evaluating the cost-benefit relationship of possible controls and procedures. Accordingly, even effective disclosure controls and procedures can only provide reasonable assurance of achieving their control objectives.

Under the supervision and with the participation of management, including our Chief Executive Officer and our Chief Financial Officer, we evaluated the effectiveness of our disclosure controls and procedures as of September 30, 2021. Based upon their evaluation, our Chief Executive Officer and our Chief Financial Officer concluded that, as of September 30, 2021, our disclosure controls and procedures were not effective because of the material weaknesses in our internal control over financial reporting described in Item 9A of Part II of our Annual Report on Form 10-K for the year ended December 31, 2020, which have not yet been remediated as of September 30, 2021.

Material Weaknesses Remediation Plan and Status

As previously described in Item 9A of our Annual Report on Form 10-K for the year ended December 31, 2020, we began implementing a remediation plan to address the material weaknesses identified in the fourth quarter of 2020, and our management continues to be actively engaged in the remediation efforts. The material weaknesses will not be considered remediated until the applicable controls operate for a sufficient period of time and management has concluded, through testing, that these controls are operating effectively.

As previously disclosed, in 2020, we began a multi-year implementation of a new enterprise resource planning ("ERP") system, which will replace our existing core financial systems, and which we expect will be completed in early 2022. Management is required to apply its judgment in evaluating the cost-benefit relationship of possible controls and procedures, based upon which, management expects to focus its allocation of organizational resources to ensure the successful implementation of the new ERP system, including as it relates to designing and implementing effective control activities. Conversely, management expects that additional efforts related to re-designing user access roles and permissions in the existing ERP system, which is expected to be decommissioned in early 2022, will be limited. Based on these considerations, and subject to management's ongoing assessment, we do not expect that the previously reported material weaknesses related to ineffective user access controls will be considered remediated until we complete the implementation of our new ERP system. Furthermore, to remediate the previously identified material weaknesses, management will: (i) implement enhancements to company-wide risk assessment processes, (ii) enhance the Company's review and sign-off procedures for IT implementations, (iii) train responsible staff and supplement staff, (iv) supplement internal resources with third-party consultants, (v) enhance process and control documentation, and (vi) clearly identify and communicate individual employee responsibilities. We are also continuing to evaluate additional controls and procedures that may be required to remediate the previously identified material weaknesses. We cannot provide assurances that the previously reported material weaknesses will be considered remediated until the applicable controls operate for a sufficient period of time and management has concluded, through testing, that these controls are operating effectively.

Changes in Internal Control Over Financial Reporting

On August 31, 2021, we completed our merger with KushCo. See "Note 3 - Business Acquisitions" to the Notes to Condensed Consolidated Financial Statements in Part I, Item 1 of this Form 10-Q. We are in process of integrating KushCo into our system of internal control over financial reporting. As a result of these integration activities, certain processes, controls and procedures will be evaluated and may be revised. Under guidelines established by the SEC, companies are permitted to exclude acquisitions from their assessment of internal control over financial reporting during the first year of an acquisition while integrating the acquired company. In conducting our evaluation of the effectiveness of our internal control over financial reporting, we excluded KushCo from our evaluation for the quarterly period ended September 30, 2021.

Also, as mentioned under "Material Weaknesses Remediation Plan and Status", in 2020 we began a multi-year implementation of a new ERP system, which will replace our existing core financial systems. The ERP system is designed to accurately maintain the Company's financial records, enhance the flow of financial information, improve data management and provide timely information to our management team. As the phased implementation of the new ERP system progresses, we expect to continue to change certain processes and procedures which, in turn, are expected to result in changes to our internal control over financial reporting. As such changes occur, we will evaluate quarterly whether such changes materially affect our internal control over financial reporting.

There were no other changes to our internal control over financial reporting that occurred during the quarter ended September 30, 2021 that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

PART II. OTHER INFORMATION

ITEM 1. LEGAL PROCEEDINGS

For a description of our material pending legal proceedings, see Note 7 of the Notes to Condensed Consolidated Financial Statements included in Part I, Item 1 of this Quarterly Report on Form 10-Q.

ITEM 1A. RISK FACTORS

There have been no material changes to our risk factors as previously disclosed in our Annual Report on Form 10-K for the year ended December 31, 2020 and our Quarterly Report on Form 10-Q for the quarter ended June 30, 2021.

ITEM 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS

Unregistered Sales of Equity Securities

On July 6, 2021, we issued an aggregate of 31,768 shares of Class A common stock in exchange for an equivalent number of shares of Class B common stock and Common Units of the Operating Company pursuant to the terms of our Charter and the Operating Agreement.

These shares were issued in reliance on an exemption from registration pursuant to Section 4(a)(2) of the Securities Act of 1933.

ITEM 6. EXHIBITS

Exhibit Number	Description
3.1*	Amended and Restated Certificate of Incorporation of Greenlane Holdings, Inc.
3.2	Second Amended and Restated By-Laws of Greenlane Holdings, Inc. (Incorporated by reference to Exhibit 3.2 to Greenlane's Current Report on Form 8-K, filed April 25, 2019).
4.1	Form of Standard Warrant (Incorporated by reference to Exhibit 4.1 to Greenlane's Current Report on Form 8-K, filed August 10, 2021).
4.2	Form of Pre-Funded Warrant (Incorporated by reference to Exhibit 4.2 to Greenlane's Current Report on Form 8-K, filed August 10, 2021).
4.3	Form of Stock Option Assumption Notice - KushCo Options (Incorporated by reference to Exhibit 99.2 to Greenlane's Registration Statement on Form S-8, filed August 31, 2021).
4.4*	Form of Assumed June 12, 2018 KushCo Warrant, dated as of August 31, 2021.
4.5*	Form of Assumed January 18, 2019 KushCo Warrant, dated as of August 31, 2021.
4.6*	Form of Assumed August 21, 2019 KushCo Warrant, dated as of August 31, 2021.
4.7*	Form of Assumed September 30, 2019 KushCo Warrant, dated as of August 31, 2021.
4.8*	Form of Assumed February 10, 2020 KushCo Warrant, dated as of August 31, 2021.
4.9*	Form of Assumed February 24, 2021 KushCo Warrant, dated as of August 31, 2021.
10.1	Form of Securities Purchase Agreement, dated August 9, 2021 (Incorporated by reference to Exhibit 10.1 to Greenlane's Current Report on Form 8-K, filed August 10, 2021).
10.2	Placement Agency Agreement, dated August 9, 2021 (Incorporated by reference to Exhibit 10.2 to Greenlane's Current Report on Form 8-K, filed August 10, 2021).
10.3	Amended and Restated Greenlane Holdings, Inc. 2019 Equity Incentive Plan (Incorporated by reference to Exhibit 10.1 to Greenlane's Current Report on Form 8-K, filed August 26, 2021).
10.4	KushCo Holdings, Inc. 2016 Stock Incentive Plan, as amended (Incorporated by reference to Exhibit 10.7 to KushCo's Quarterly Report on Form 10-Q (File No. 000-55418), filed April 15, 2019).
31.1*	Certification of Chief Executive Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
31.2*	Certification of the Principal Financial and Accounting Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
32.1**	Certification of Chief Executive Officer and Principal Financial and Accounting Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
101*	The following materials from the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2021, were formatted in Inline XBRL (Extensible Business Reporting Language): (i) Condensed Consolidated Balance Sheets, (ii) Condensed Consolidated Statements of Operations and Comprehensive Loss, (iii) Condensed Consolidated Statements of Stockholders' Equity, and (iv) Condensed Consolidated Statements of Cash Flows. The instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document.
104*	Cover Page Interactive Data File – the cover page XBRL tags are embedded within the Inline XBRL.

* Filed herewith.

** This certification is deemed not filed for purposes of Section 18 of the Exchange Act or otherwise subject to the liability of that section, nor shall it be deemed incorporated by reference into any filing under the Securities Act or the Exchange Act.

**AMENDED AND RESTATED
CERTIFICATE OF INCORPORATION
OF
GREENLANE HOLDINGS, INC.**

Greenlane Holdings, Inc., a corporation organized and existing under the laws of the State of Delaware (the “*Corporation*”) hereby certifies as follows:

1. The name of the Corporation is Greenlane Holdings, Inc. The original Certificate of Incorporation of the Corporation was filed with the Office of the Secretary of State of the State of Delaware on May 2, 2018.
2. This Amended and Restated Certificate of Incorporation of the Corporation was duly adopted in accordance with Sections 242 and 245 of the Delaware General Corporation Law.
3. The effective time of this Amended and Restated Certificate of Incorporation of the Corporation shall be the date and time it is filed with the Secretary of State of the State of Delaware.
4. The text of the Amended and Restated Certificate of Incorporation is hereby amended and restated to read in its entirety as follows:

**ARTICLE I
NAME**

The name of the corporation is Greenlane Holdings, Inc. (the “*Corporation*”).

**ARTICLE II
REGISTERED OFFICE**

The address of the registered office of the Corporation in the State of Delaware is 251 Little Falls Drive, Wilmington, Delaware 19808, in the County of New Castle. The name of the registered agent of the Corporation at that address is Corporation Service Company.

**ARTICLE III
CORPORATE PURPOSE**

The purpose of the Corporation is to engage in any lawful act or activity for which a corporation may be organized under the Delaware General Corporation Law (the “*DGCL*”).

**ARTICLE IV
AUTHORIZED CAPITAL STOCK**

A. The total number of shares of all classes of stock that the Corporation is authorized to issue is six hundred forty million (640,000,000), consisting of (i) six hundred million (600,000,000) shares of Class A common stock, with a par value of \$0.01 per share (the “*Class A Common Stock*”); and (ii) thirty million (30,000,000) shares of Class B common stock, with a par value of \$0.0001 per share (the “*Class B Common Stock*”, and together with the Class A Common Stock, the “*Common Stock*”); and (iii) ten million (10,000,000) shares of preferred stock, with a par value of \$0.0001 per share, as of the effective time of this Amended and Restated Certificate of Incorporation and thereafter as may be established by the Board of Directors with respect to any class or series thereof in the applicable Preferred Stock Designation (the “*Preferred Stock*”).

B. The Board of Directors is authorized to provide for the issuance of shares of Preferred Stock in one or more classes or series by adopting a resolution or resolutions, and by filing a certificate pursuant to the applicable laws of the State of Delaware (such certificate being hereinafter referred to as a “*Preferred Stock Designation*”), to establish from time to time the number of shares to be included in each such class or series, and to

fix the voting powers, designations, preferences, limitations, restrictions and relative rights thereof, including, without limitation, the authority to fix or alter the dividend rights, dividend rates, conversion rights, exchange rights, voting rights, rights and terms of redemption (including sinking fund provisions), the redemption price or prices, the dissolution preferences and the rights in respect to any distribution of assets of any wholly unissued class or series of Preferred Stock, and the treatment in the case of a merger, business combination transaction, or sale of the Corporation's assets, and to increase or decrease the number of shares of any class or series so created subsequent to the issue of that class or series but not below the number of shares of such class or series then outstanding. In case the number of shares of any class or series shall be so decreased, the shares constituting such decrease shall resume the status of authorized but unissued shares of Preferred Stock, without designation as to series, and may be reissued as part of any series of Preferred Stock created by resolution or resolutions of the Board of Directors. There shall be no limitation or restriction on any variation between any of the different classes or series of Preferred Stock as to the designations, preferences, limitations, restrictions and relative rights thereof; and the several classes or series of Preferred Stock may vary in any and all respects as fixed and determined by the resolution or resolutions of the Board of Directors or a committee of the Board of Directors, providing for the issuance of the various classes or series of Preferred Stock. Any shares of any series of Preferred Stock purchased, exchanged, converted or otherwise acquired by the Corporation, in any manner whatsoever shall be retired and cancelled promptly after the acquisition thereof. All such shares shall upon their cancellation become authorized but unissued shares of Preferred Stock, without designation as to series, and may be reissued as part of any series of Preferred Stock created by resolution or resolutions of the Board of Directors.

C. The number of authorized shares of any of the Class A Common Stock, Class B Common Stock or Preferred Stock may be increased or decreased (but not below the number of shares thereof then outstanding) by the affirmative vote of the holders of a majority of the voting power of all of the outstanding shares of stock of the Corporation entitled to vote thereon, without a separate vote of any holders of the Class A Common Stock, Class B Common Stock or Preferred Stock, or of any class or series thereof, unless a separate vote of any such holders is required pursuant to the terms of any Preferred Stock Designation, irrespective of the provisions of Section 242(b)(2) of the DGCL.

D. Except as otherwise required by the DGCL or as provided by or pursuant to the provisions of this Amended and Restated Certificate of Incorporation:

1. Each share of Class A Common Stock and Class B Common Stock shall entitle the record holder thereof to one (1) vote on all matters on which stockholders generally are entitled to vote.
2. Except as otherwise required in this Amended and Restated Certificate of Incorporation, the holders of Common Stock shall vote together as a single class on all matters (or, if any holders of Preferred Stock are entitled to vote together with the holders of Common Stock, as a single class with such holders of Preferred Stock).
3. The holders of Common Stock, as such, shall not be entitled to vote on any amendment to this Amended and Restated Certificate of Incorporation or to a Preferred Stock Designation that alters or changes the powers, preferences, rights or other terms of one or more outstanding class or series of Preferred Stock if the holders of such affected class or series are entitled, either separately or together with the holders of one or more other class or series of Preferred Stock, to vote thereon as a separate class pursuant to this Amended and Restated Certificate of Incorporation or a Preferred Stock Designation or pursuant to the DGCL as currently in effect or as the same may hereafter be amended.
4. No stockholder has any right or will be permitted to cumulate votes in any election of directors.

E. From and after the effective time of this Amended and Restated Certificate of Incorporation, additional shares of Class B Common Stock may be issued only to, and registered in the name of, the LLC Members (as defined below), their respective successors and assigns as well as their respective transferees permitted in accordance with Article IV.I (including all subsequent successors, assigns and permitted transferees) (the "**Permitted Class B Owners**"), in accordance with this Article IV and the aggregate number of shares of Class B Common Stock

following any such issuance registered in the name of each such Permitted Class B Owner must be equal to the aggregate number of Common Units (as defined below) held of record by such Permitted Class B Owner under the Operating Agreement (as defined below).

F. As used in this Amended and Restated Certificate of Incorporation:

1. “**Common Unit**” means a unit of membership interest in the LLC, authorized and issued under the Operating Agreement, and constituting a “Common Unit” as defined in the Operating Agreement as in effect as of the effective time of this Amended and Restated Certificate of Incorporation.
2. “**LLC**” means Greenlane Holdings, LLC, a Delaware limited liability company, or any successor entities thereto.
3. “**LLC Members**” means each of the holders of Common Units on the date hereof other than the Corporation (or any subsidiaries of the Corporation).
4. “**Operating Agreement**” means that certain Third Amended and Restated Operating Agreement, dated as of April 17, 2019, of the LLC, as such agreement may be further amended, restated, amended and restated, supplemented or otherwise modified from time to time.

G. Subject to applicable law and the rights, if any, of the holders of any outstanding class or series of Preferred Stock or any class or series of stock having a preference over or the right to participate with the Class A Common Stock with respect to the payment of dividends, dividends may be declared and paid on the Class A Common Stock out of the assets of the Corporation that are by law available therefor, at such times and in such amounts as the Board of Directors in its discretion shall determine. Dividends shall not be declared or paid on the Class B Common Stock.

H. Subject to applicable law and the rights, if any, of the holders of any class or series of capital stock of the Corporation, in the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation, after payment or provision for payment of the debts and other liabilities of the Corporation and of the preferential and other amounts, if any, to which the holders of Preferred Stock shall be entitled, the holders of all outstanding shares of Class A Common Stock shall be entitled to receive the remaining assets of the Corporation available for distribution ratably in proportion to the number of shares held by each such stockholder. Without limiting the rights of the holders of Class B Common Stock to have their Common Units redeemed in exchange for shares of Class A Common Stock, or at the Corporation’s option, cash, in accordance with the Operating Agreement (or for the consideration payable in respect of shares of Class A Common Stock in such voluntary or involuntary liquidation, dissolution or winding up), the holders of shares of Class B Common Stock, as such, shall not be entitled to receive any assets of the Corporation in the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation. A merger, consolidation, reorganization or other business combination of the Corporation with any other person or persons, or a sale of all or substantially all of the assets of the Corporation, shall not be considered to be a dissolution, liquidation or winding up of the Corporation within the meaning of this Article IV.H.

I.

1. In connection with the redemption of Common Units pursuant to the Operating Agreement, a holder of Class B Common Stock may surrender shares of Class B Common Stock to the Corporation for no consideration at any time. Following the surrender of any shares of Class B Common Stock to the Corporation, the Corporation will take all actions necessary to retire such shares and such shares shall not be re-issued by the Corporation.
2. The following transfer restrictions described in this Article IV.I.2 are referred to as the “**Restrictions**”.

- a. A holder of Class B Common Stock may transfer shares of Class B Common Stock to any transferee (other than the Corporation) only if such holder also simultaneously transfers an equal number of such holder's Common Units (as such numbers may be adjusted to reflect equitably any stock split, subdivision, combination or similar change with respect to the Class B Common Stock or Common Units) to such transferee in compliance with the Operating Agreement.
3. Any purported transfer of shares of Class B Common Stock in violation of the Restrictions shall be null and void. If, notwithstanding the Restrictions, a person or entity shall, voluntarily or involuntarily, purportedly become or attempt to become, the purported owner ("**Purported Owner**") of shares of Class B Common Stock in violation of the Restrictions, then the Purported Owner shall not obtain any rights in and to such shares of Class B Common Stock (the "**Restricted Shares**"), and the purported transfer of the Restricted Shares to the Purported Owner shall not be recognized by the Corporation's transfer agent for such class of shares (the "**Transfer Agent**").
4. Upon a determination by the Board of Directors that a person has attempted or is attempting to transfer or to acquire Restricted Shares, or has purportedly transferred or acquired Restricted Shares, in violation of the Restrictions, the Board of Directors may take such action as it deems advisable to refuse to give effect to such attempted or purported transfer or acquisition on the books and records of the Corporation, including without limitation to cause the Transfer Agent to record the Purported Owner's transferor as the record owner of the Restricted Shares, and to institute proceedings to enjoin any such attempted or purported transfer or acquisition, or reverse any entries or records reflecting such attempted or purported transfer or acquisition.
5. The Board of Directors may, to the extent permitted by law, from time to time establish, modify, amend or rescind, by bylaw or otherwise, regulations and procedures that are consistent with the provisions of this Article IV.I for determining whether any transfer or acquisition of shares of Class B Common Stock would violate the Restrictions and for the orderly application, administration and implementation of the provisions of this Article IV.I. Any such procedures and regulations shall be kept on file with the Secretary of the Corporation and with its Transfer Agent and shall be made available for inspection by any prospective transferee and, upon written request to the Secretary, shall be mailed to holders of shares of Class B Common Stock.
6. The Board of Directors shall have all powers necessary to implement the Restrictions, including without limitation the power to prohibit the transfer of any shares of Class B Common Stock in violation thereof.

J. To the extent that any Permitted Class B Owner exercises its right pursuant to the Operating Agreement to have its Common Units redeemed by the LLC in accordance with the Operating Agreement, then simultaneous with the payment of, at the Corporation's election, cash or Class A Common Stock consideration to such Permitted Class B Owner by the LLC (in the case of a redemption) or the Corporation (in the case of an election by the Corporation pursuant to the Operating Agreement to effect a direct exchange with such Permitted Class B Owner), the Corporation shall cancel for no consideration, as applicable, a number of shares of Class B Common Stock registered in the name of the redeeming or exchanging Permitted Class B Owner equal to the number of Common Units held by such Permitted Class B Owner that are redeemed or exchanged in such redemption or exchange transaction. Notwithstanding the Restrictions, (i) in the event that any outstanding share of Class B Common Stock shall cease to be held by a registered holder of Common Units, such share of Class B Common Stock shall automatically and without further action on the part of the Corporation or any holder of Class B Common Stock be cancelled for no consideration, and the Corporation will take all actions necessary to retire such share and such share shall not be re-issued by the Corporation, (ii) in the event that any registered holder of Class B Common Stock no longer holds an interest in a number of Common Units equal to the sum of the number of shares of Class B Common Stock registered in the name of such registered holder, the shares of Class B Common Stock registered in the name of such holder that exceed the number of Common Units held by such holder (as described above) shall automatically and without further action on the part of the Corporation or any holder of Class

B Common Stock be cancelled for no consideration, and the Corporation will take all actions necessary to retire such shares and such shares shall not be re-issued by the Corporation, and (iii) in the event that no Permitted Class B Owner owns any Common Units that are redeemable pursuant to the Operating Agreement, then all shares of Class B Common Stock will be cancelled for no consideration, and the Corporation will take all actions necessary to retire such shares and such shares shall not be re-issued by the Corporation.

K. All certificates or book-entries representing shares of Class B Common Stock shall bear a legend substantially in the following form (or in such other form as the Board of Directors may determine):

THE SECURITIES REPRESENTED BY THIS [CERTIFICATE] [BOOK-ENTRY] ARE SUBJECT TO THE RESTRICTIONS (INCLUDING RESTRICTIONS ON TRANSFER) SET FORTH IN THE AMENDED AND RESTATED CERTIFICATE OF INCORPORATION OF THE CORPORATION (A COPY OF WHICH IS ON FILE WITH THE SECRETARY OF THE CORPORATION AND SHALL BE PROVIDED FREE OF CHARGE TO ANY STOCKHOLDER MAKING A REQUEST THEREFOR).

L. The Class B Common Stock may be issued and transferred in fractions of a share which shall entitle the holder to exercise voting rights and to have the benefit of all other rights of holders of Class B Common Stock. Subject to the Restrictions, holders of shares of Class B Common Stock shall be entitled to transfer fractions thereof and the Corporation shall, and shall cause the Transfer Agent to, facilitate any such transfers, including by issuing certificates or making book entries representing any such fractional shares. For all purposes of this Amended and Restated Certificate of Incorporation (including, without limitation, [Article IV.D](#), [Article IV.H](#), [Article IV.I](#), [Article IV.J](#), this [Article IV.L](#) and [Article IV.E](#) hereof), all references to the Class B Common Stock or any share thereof (whether in the singular or plural) shall be deemed to include references to any fraction of a share of Class B Common Stock.

ARTICLE V RESERVATION OF COMMON STOCK

The Corporation shall at all times reserve and keep available out of its authorized but unissued shares or other securities of each class or series, the number of shares or securities of such class or series required to be available for issuance pursuant to the Operating Agreement; provided that nothing contained herein shall be construed to preclude the Corporation from satisfying its obligations in respect of any such issuance by delivery of shares of Class A Common Stock which are held in the treasury of the Corporation. The Corporation covenants that all shares of Class A Common Stock issued pursuant to the Operating Agreement will, upon issuance, be validly issued, fully paid and non-assessable.

ARTICLE VI RECLASSIFICATIONS, MERGERS AND OTHER TRANSACTIONS

A. The Corporation shall undertake all actions, including, without limitation, a reclassification, dividend, division or recapitalization, with respect to the shares of Class A Common Stock necessary to maintain at all times a one-to-one ratio between the number of Common Units owned by the Corporation and the number of outstanding shares of Class A Common Stock, disregarding, for purposes of maintaining the one-to-one ratio, (i) shares of Class A Common Stock issued pursuant to awards made under the Greenlane Holdings, Inc. 2019 Equity Incentive Plan, and any other stock incentive plan adopted by the Corporation from time to time, that have not yet vested thereunder, (ii) treasury stock, or (iii) Preferred Stock or other debt or equity securities (including without limitation warrants, options and rights) issued by the Corporation that are convertible or exercisable or exchangeable for Class A Common Stock (except to the extent the net proceeds from such other securities, including without limitation any exercise or purchase price payable upon conversion, exercise or exchange thereof, has been contributed by the Corporation to the equity capital of the LLC).

B. The Corporation shall undertake all actions, including, without limitation, a reclassification, dividend, division or recapitalization, with respect to the shares of Class B Common Stock necessary to maintain at all times a one-to-one ratio between the number of Common Units owned by all Permitted Class B Owners and the number of outstanding shares of Class B Common Stock owned by all Permitted Class B Owners.

C. The Corporation shall not undertake or authorize (i) any subdivision (by any stock split, stock dividend, reclassification, recapitalization or similar event) or combination (by reverse stock split, reclassification, recapitalization or similar event) of the Class A Common Stock that is not accompanied by an identical subdivision or combination of the Common Units to maintain at all times a one-to-one ratio between the number of Common Units owned by the Corporation and the number of outstanding shares of Class A Common Stock; or (ii) any subdivision (by any stock split, stock dividend, reclassification, recapitalization or similar event) or combination (by reverse stock split, reclassification, recapitalization or similar event) of the Class B Common Stock that is not accompanied by an identical subdivision or combination of the Common Units to maintain at all times, subject to the provisions of this Amended and Restated Certificate of Incorporation, a one-to-one ratio between the number of Common Units owned by the Permitted Class B Owners and the number of outstanding shares of Class B Common Stock, unless, in the case of clause (i) or (ii) of this Article VI.C, such action is necessary to maintain at all times a one-to-one ratio between the number of Common Units owned by the Corporation and the number of outstanding shares of Class A Common Stock, a one-to-one ratio between the number of Common Units owned by the Permitted Class B Owners and the number of outstanding shares of Class B Common Stock.

D. The Corporation shall not issue, transfer or deliver from treasury stock or repurchase shares of Class A Common Stock unless in connection with any such issuance, transfer, delivery or repurchase the Corporation takes or authorizes all requisite action such that, after giving effect to all such issuances, transfers, deliveries or repurchases, the number of Common Units owned by the Corporation will equal on a one-for-one basis the number of outstanding shares of Class A Common Stock, disregarding, for purposes of maintaining the one-to-one ratio, (i) shares of Class A Common Stock issued pursuant to awards made under the Greenlane Holdings, Inc. 2019 Equity Incentive Plan, and any other stock incentive plan adopted by the Corporation from time to time, that have not yet vested thereunder, (ii) treasury stock or (iii) Preferred Stock or other debt or equity securities (including without limitation warrants, options and rights) issued by the Corporation that are convertible or exercisable or exchangeable for Class A Common Stock (except to the extent the net proceeds from such other securities, including without limitation any exercise or purchase price payable upon conversion, exercise or exchange thereof, has been contributed by the Corporation to the equity capital of the LLC). The Corporation shall not issue, transfer or deliver from treasury stock or repurchase or redeem shares of Preferred Stock unless in connection with any such issuance, transfer, delivery, repurchase or redemption, the Corporation takes all requisite action such that, after giving effect to all such issuances, transfers, repurchases or redemptions, the Corporation holds (in the case of any issuance, transfer or delivery) or ceases to hold (in the case of any repurchase or redemption) equity interests in the LLC which (in the good faith determination by the Board of Directors) are in the aggregate substantially equivalent in all respects to the outstanding Preferred Stock so issued, transferred, delivered, repurchased or redeemed.

E. The Corporation shall not consolidate, merge, combine or consummate any other transaction (other than an action or transaction for which an adjustment is provided in one of the preceding paragraphs of this Article VI or in Article IV), in which shares of Class A Common Stock are exchanged for or converted into other stock or securities, or the right to receive cash and/or any other property, unless in connection with any such consolidation, merger, combination or other transaction each Common Unit shall be entitled to be exchanged for or converted into (without duplication of any corresponding share of Class A Common Stock which the Corporation may elect to issue upon a redemption of such Common Unit by the holder thereof) the same kind and amount of stock or securities, cash and/or any other property, as the case may be, into which or for which each share of Class A Common Stock is exchanged or converted, in each case to maintain at all times a one-to-one ratio between (x) the stock or securities, or rights to receive cash and/or any other property issuable in such transaction in exchange for or conversion of one share of Class A Common Stock and (y) the stock or securities, or rights to receive cash and/or any other property issuable in such transaction in exchange for or conversion of one Common Unit. The foregoing provisions of this Article VI.E shall not apply to any action or transaction (including any consolidation, merger or combination) approved by the holders of a majority of the voting power of the Class A Common Stock and Class B Common Stock, each voting as a separate class.

ARTICLE VII BYLAW AMENDMENTS

The Board of Directors is expressly authorized to adopt, amend and repeal the bylaws of the Corporation (the "*Bylaws*").

**ARTICLE VIII
THE BOARD OF DIRECTORS**

A. Elections of the directors comprising the Board of Directors (each such director, in such capacity, a “*Director*”) need not be by written ballot unless the Bylaws shall so provide.

B. Subject to the rights of the holders of any class or series of Preferred Stock to elect additional directors under specified circumstances, the number of directors which shall constitute the Board of Directors shall be fixed exclusively by resolutions adopted by a majority of the Whole Board. For purposes of this Amended and Restated Certificate of Incorporation, the term “*Whole Board*” shall mean the total number of authorized directors for the Board of Directors whether or not there exist any vacancies in previously authorized directorships.

C. Except as otherwise required by law and subject to the rights of the holders of any class or series of Preferred Stock then outstanding, unless the Board of Directors otherwise determines, newly-created directorships resulting from any increase in the authorized number of directors or any vacancies on the Board of Directors resulting from the death, resignation, retirement, disqualification, removal from office or other cause shall be filled only by a majority vote of the directors then in office and entitled to vote thereon, though less than a quorum, or by a sole remaining director entitled to vote thereon, and not by the stockholders. Any director so chosen shall hold office until the next election and until his successor shall be elected and qualified.

D. Subject to the rights of the holders of any class or series of Preferred Stock then outstanding, any directors, or the entire Board of Directors, may be removed from office at any time, with or without cause, by the affirmative vote of the holders of a majority of the voting power of the issued and outstanding stock entitled to vote at an annual or special meeting duly noticed and called in accordance with this Amended and Restated Certificate of Incorporation.

E. Advance notice of stockholder nominations for election of directors and other business to be brought by stockholders before a meeting of stockholders shall be given in the manner provided by the Bylaws.

**ARTICLE IX
STOCKHOLDER ACTION WITHOUT MEETING**

Any action required or permitted to be taken by the stockholders of the Corporation must be effected by a duly called annual or special meeting of stockholders of the Corporation and may not be effected by any consent in writing by such stockholders.

**ARTICLE X
AMENDMENTS**

A. The Corporation reserves the right to amend, alter, change or repeal any provision contained in this Amended and Restated Certificate of Incorporation, in the manner, and subject to approval by stockholders as, now or hereafter prescribed by statute, and all rights conferred upon stockholders herein are granted subject to this reservation; *provided* that any amendment to Article IX shall be effective only upon the affirmative vote of the holders of Common Stock and Preferred Stock then outstanding representing two-thirds or more of the votes eligible to be cast in an election of directors.

B. If any provision or provisions of this Amended and Restated Certificate of Incorporation shall be held to be invalid, illegal or unenforceable as applied to any person or entity or circumstance for any reason whatsoever, then, to the fullest extent permitted by law, the validity, legality and enforceability of such provisions in any other circumstance and of the remaining provisions of this Amended and Restated Certificate of Incorporation (including, without limitation, each portion of any sentence of this Amended and Restated Certificate of Incorporation containing any such provision held to be invalid, illegal or unenforceable that is not itself held to be invalid, illegal or unenforceable) and the application of such provision to other persons or entities and circumstances shall not in any way be affected or impaired thereby.

**ARTICLE XI
LIMITATION ON DIRECTOR LIABILITY**

No director of the Corporation will have any personal liability to the Corporation or its stockholders for monetary damages for any breach of fiduciary duty as a director, except to the extent such exemption from liability or limitation thereof is not permitted under the DGCL as the same exists or hereafter may be amended. Neither the amendment nor the repeal of this Article XI shall eliminate or reduce the effect thereof in respect of any matter occurring, or any cause of action, suit or claim that, but for this Article XI, would accrue or arise, prior to such amendment or repeal.

**ARTICLE XII
EXCLUSIVE FORUM**

Unless the Corporation consents in writing to the selection of an alternative forum, the Court of Chancery (the "*Court of Chancery*") of the State of Delaware (or, in the event that the Court of Chancery does not have jurisdiction, any state or federal court located within the State of Delaware) shall, to the fullest extent permitted by law, be the sole and exclusive forum for (i) any derivative action or proceeding brought on behalf of the Corporation, (ii) any action asserting a claim of breach of a fiduciary duty owed by any current or former director, officer or other employee or agent of the Corporation to the Corporation or the Corporation's stockholders or any action asserting a claim for aiding and abetting any such breach of fiduciary duty, (iii) any action asserting a claim against the Corporation arising pursuant to any provision of the DGCL, this Amended and Restated Certificate of Incorporation or the Bylaws (as each may be amended from time to time), (iv) any action to interpret, apply, enforce or determine the validity of this Amended and Restated Certificate of Incorporation or the Bylaws (as either may be amended from time to time), (v) any action asserting a claim as to which the DGCL confers jurisdiction upon the Court of Chancery, or (vi) any action governed by the internal affairs doctrine, in each such case subject to the Court of Chancery having personal jurisdiction over the indispensable parties named as defendants therein. Any person or entity purchasing or otherwise acquiring any interest in shares of capital stock of the Corporation shall be deemed to have notice of and consented to the provisions of this Article XII.

Unless the Corporation consents in writing to the selection of an alternative forum, to the fullest extent permitted by law, the federal district courts of the United States of America shall be the exclusive forum for the resolution of any complaint asserting a cause of action arising under the Securities Act of 1933, as amended.

Notwithstanding the foregoing, the provisions of this Article XII shall not apply to suits brought to enforce any liability or duty created by the Securities Exchange Act of 1934, as amended, or any other claim for which the federal courts of the United States have exclusive jurisdiction.

[Remainder of page intentionally left blank.]

IN WITNESS WHEREOF, the Corporation has caused this Amended and Restated Certificate of Incorporation to be signed by Aaron LoCascio, its Chief Executive Officer, on this 31st day of August, 2021.

GREENLANE HOLDINGS, INC.

By: /s/ Aaron LoCascio
Name: Aaron LoCascio
Title: Chief Executive Officer

GREENLANE HOLDINGS, INC.
Warrant To Purchase Common Stock

Warrant No.: []

Date of Issuance: August 31, 2021 (“**Issuance Date**”)

Greenlane Holdings, Inc., a Delaware corporation (the “**Company**”), hereby certifies that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, [], the registered holder hereof or its permitted assigns (the “**Holder**”), is entitled, subject to the terms set forth below, to purchase from the Company, at the Exercise Price (as defined below) then in effect, upon exercise of this Warrant to Purchase Common Stock (including any Warrants to purchase Common Stock issued in exchange, transfer or replacement hereof, the “**Warrant**”), at any time or times on or after the Issuance Date, but not after 11:59 p.m., New York time, on the Expiration Date (as defined below), [] (subject to adjustment as provided herein) fully paid and non-assessable shares of Common Stock (as defined below) (the “**Warrant Shares**”, and such number of Warrant Shares, the “**Warrant Number**”). Except as otherwise defined herein, capitalized terms in this Warrant shall have the meanings set forth in Section 20. This Warrant is being issued as a replacement for the warrant, dated June 12, 2018 (the “**Prior Warrant**”) issued pursuant to the Securities Purchase Agreement, dated as of June 7, 2018, issued to the Holder by KushCo Holdings, Inc. (“**KushCo**”) in accordance with Section 4(b) of the Prior Warrant and pursuant to the terms of the Agreement and Plan of Merger, dated March 31, 2021, by and among the Company, Merger Sub Gotham 1, LLC, Merger Sub Gotham 2, LLC and KushCo. As of the date hereof the Prior Warrant shall be of no further force and effect. The Company has registered the issuance of the Warrant Shares on its Registration Statement on Form S-4 (File number 333-256582) (as amended from time to time, the “**Registration Statement**”).

1. EXERCISE OF WARRANT.

(a) Mechanics of Exercise. Subject to the terms and conditions hereof (including, without limitation, the limitations set forth in Section 1(f)), this Warrant may be exercised by the Holder on any day on or after the Issuance Date (an “**Exercise Date**”), in whole or in part, by delivery (whether via facsimile or otherwise) of a written notice, in the form attached hereto as **Exhibit A** (the “**Exercise Notice**”), of the Holder’s election to exercise this Warrant. Within one (1) Trading Day following the delivery of the Exercise Notice, the Holder shall deliver payment to the Company of an amount equal to the Exercise Price in effect on the date of such exercise multiplied by the number of Warrant Shares as to which this Warrant was so exercised (the “**Aggregate Exercise Price**”) in cash or via wire transfer of immediately available funds if the Holder did not notify the Company in such Exercise Notice that such exercise was made pursuant to a Cashless Exercise (as defined in Section 1(d)). The Holder shall not be required to deliver the original of this Warrant in order to effect an exercise hereunder nor shall any ink-original signature or medallion guarantee (or other type of guarantee or notarization) with respect to any Exercise Notice be required. Execution and delivery of an Exercise Notice with respect to less than all of the Warrant Shares shall have the same effect as cancellation of the original of this Warrant and issuance of a new Warrant evidencing the right to purchase the remaining number of Warrant Shares. Execution and delivery of an Exercise Notice for all of the then-remaining Warrant Shares shall have the same effect as cancellation of the original of this Warrant after delivery of the Warrant Shares in accordance with the terms hereof. On or before the first (1st) Trading Day following the date on which the Company has received an Exercise Notice, the Company shall transmit by facsimile or electronic mail an acknowledgment of confirmation of receipt of such Exercise Notice, in the form attached hereto as **Exhibit B**, to the Holder and the Company’s transfer agent (the “**Transfer Agent**”), which confirmation shall constitute an instruction to the Transfer Agent to process such Exercise Notice in accordance with the terms herein. So long as the Holder delivers the Aggregate Exercise Price (or notice of a Cashless Exercise) on or prior to the first (1st) Trading Day following the date on which the Exercise Notice has been delivered to the Company, then on or prior to the second (2nd) Trading Day following the date on which the Exercise Notice has been delivered to the Company, or, if the Holder does not deliver the Aggregate Exercise Price (or notice of a Cashless Exercise) on or prior to the first (1st) Trading Day following the date on which the Exercise Notice has been delivered to the Company, then on or prior to the first (1st) Trading Day following the date on which the Aggregate Exercise Price (or notice of a Cashless Exercise) is delivered (the “**Share Delivery Deadline**”), the Company shall (i) provided that

the Transfer Agent is participating in The Depository Trust Company (“DTC”) Fast Automated Securities Transfer Program, upon the request of the Holder, credit such aggregate number of shares of Common Stock to which the Holder is entitled pursuant to such exercise to the Holder’s or its designee’s balance account with DTC through its Deposit/Withdrawal at Custodian system, or (ii) if the Transfer Agent is not participating in the DTC Fast Automated Securities Transfer Program, upon the request of the Holder, issue and deliver (via reputable overnight courier) to the address as specified in the Exercise Notice, a certificate, registered in the name of the Holder or its designee, for the number of shares of Common Stock to which the Holder shall be entitled pursuant to such exercise. The Company shall be responsible for all fees and expenses of the Transfer Agent and all fees and expenses with respect to the issuance of Warrant Shares via DTC, if any, including without limitation for same day processing. Upon delivery of an Exercise Notice, the Holder shall be deemed for all corporate purposes to have become the holder of record of the Warrant Shares with respect to which this Warrant has been exercised, irrespective of the date such Warrant Shares are credited to the Holder’s DTC account or the date of delivery of the certificates evidencing such Warrant Shares (as the case may be). If this Warrant is submitted in connection with any exercise pursuant to this Section 1(a) and the number of Warrant Shares represented by this Warrant submitted for exercise is greater than the number of Warrant Shares being acquired upon an exercise and upon surrender of this Warrant to the Company by the Holder, then, at the request of the Holder, the Company shall as soon as practicable and in no event later than two (2) Business Days after any exercise and at its own expense, issue and deliver to the Holder (or its designee) a new Warrant (in accordance with Section 7(d)) representing the right to purchase the number of Warrant Shares purchasable immediately prior to such exercise under this Warrant, less the number of Warrant Shares with respect to which this Warrant is exercised. No fractional shares of Common Stock are to be issued upon the exercise of this Warrant, but rather the number of shares of Common Stock to be issued shall be rounded up to the nearest whole number. The Company shall pay any and all transfer, stamp, issuance and similar taxes, costs and expenses (including, without limitation, fees and expenses of the Transfer Agent) that may be payable with respect to the issuance and delivery of Warrant Shares upon exercise of this Warrant. From the Issuance Date through and including the Expiration Date, the Company shall maintain a transfer agent that participates in the DTC’s Fast Automated Securities Transfer Program. The Company’s obligations to issue and deliver Warrant Shares in accordance with the terms and subject to the conditions hereof are absolute and unconditional, irrespective of any action or inaction by the Holder to enforce the same, any waiver or consent with respect to any provision hereof, the recovery of any judgment against any Person or any action to enforce the same, or any setoff, counterclaim, recoupment, limitation or termination; provided, however, that the Company shall not be required to deliver Warrant Shares with respect to an exercise prior to the Holder’s delivery of the Aggregate Exercise Price (or notice of a Cashless Exercise) with respect to such exercise.

(b) Exercise Price. For purposes of this Warrant, “**Exercise Price**” means \$17.51, subject to adjustment as provided herein.

(c) Company’s Failure to Timely Deliver Securities. If the Company shall fail, for any reason or for no reason, on or prior to the Share Delivery Deadline, either (I) if the Transfer Agent is not participating in the DTC Fast Automated Securities Transfer Program, to issue and deliver to the Holder (or its designee) a certificate for the number of Warrant Shares to which the Holder is entitled and register such Warrant Shares on the Company’s share register or, if the Transfer Agent is participating in the DTC Fast Automated Securities Transfer Program, to credit the balance account of the Holder or the Holder’s designee with DTC for such number of Warrant Shares to which the Holder is entitled upon the Holder’s exercise of this Warrant (as the case may be) or (II) if the Registration Statement (or prospectus contained therein) covering the issuance of the Warrant Shares that are the subject of the Exercise Notice (the “**Unavailable Warrant Shares**”) is not available for the issuance of such Unavailable Warrant Shares and the Company fails to promptly (x) so notify the Holder and (y) deliver the Warrant Shares electronically without any restrictive legend by crediting such aggregate number of Warrant Shares to which the Holder is entitled pursuant to such exercise to the Holder’s or its designee’s balance account with DTC through its Deposit/Withdrawal At Custodian system (the event described in the immediately foregoing clause (II) is hereinafter referred to as a “**Notice Failure**” and together with the event described in clause (I) above, a “**Delivery Failure**”), and if on or after such Share Delivery Deadline the Holder purchases (in an open market transaction or otherwise) shares of Common Stock to deliver in satisfaction of a sale by the Holder of all or any portion of the number of shares of Common Stock issuable upon such exercise that the Holder is entitled to receive from the Company (a “**Buy-In**”), then, in addition to all other remedies available to the Holder, the Company shall, within three (3) Business Days after the Holder’s request and in the Holder’s discretion, either (i) pay cash to the Holder in an amount equal to the Holder’s total purchase price (including brokerage commissions and other out-of-pocket expenses, if any) for the

shares of Common Stock so purchased (including, without limitation, by any other Person in respect, or on behalf, of the Holder) (the **Buy-In Price**”), at which point the Company’s obligation to so issue and deliver such certificate (and to issue such shares of Common Stock) or credit the balance account of such Holder or such Holder’s designee, as applicable, with DTC for the number of Warrant Shares to which the Holder is entitled upon the Holder’s exercise hereunder (as the case may be) (and to issue such Warrant Shares) shall terminate, or (ii) promptly honor its obligation to so issue and deliver to the Holder a certificate or certificates representing such Warrant Shares or credit the balance account of such Holder or such Holder’s designee, as applicable, with DTC for the number of Warrant Shares to which the Holder is entitled upon the Holder’s exercise hereunder (as the case may be) and pay cash to the Holder in an amount equal to the excess (if any) of the Buy-In Price over the product of (A) such number of Warrant Shares multiplied by (B) the lowest Closing Sale Price of the Common Stock on any Trading Day during the period commencing on the date of the applicable Exercise Notice and ending on the date of such issuance and payment under this clause (ii) (the **Buy-In Payment Amount**”). Nothing shall limit the Holder’s right to pursue any other remedies available to it hereunder, at law or in equity, including, without limitation, a decree of specific performance and/or injunctive relief with respect to the Company’s failure to timely deliver certificates representing shares of Common Stock (or to electronically deliver such shares of Common Stock) upon the exercise of this Warrant as required pursuant to the terms hereof. Additionally, if the Company fails for any reason to deliver to the Holder the Warrant Shares subject to an Exercise Notice by the Share Delivery Deadline, the Company shall pay to the Holder, in cash, as liquidated damages and not as a penalty, for each \$1,000 of Warrant Shares subject to such exercise (based on the Weighted Average Price of the Common Stock on the date of the applicable Notice of Exercise), \$10 per Trading Day (increasing to \$20 per Trading Day on the fifth Trading Day after such liquidated damages begin to accrue) for each Trading Day after such Share Delivery Deadline until such Warrant Shares are delivered or Holder rescinds such exercise. In addition to the foregoing rights, (i) if the Company fails to deliver the applicable number of Warrant Shares upon an exercise pursuant to Section 1 by the applicable Share Delivery Date, then the Holder shall have the right to rescind such exercise in whole or in part and retain and/or have the Company return, as the case may be, any portion of this Warrant that has not been exercised pursuant to such Exercise Notice; provided that the rescission of an exercise shall not affect the Company’s obligation to make any payments that have accrued prior to the date of such notice pursuant to this Section 1(c) or otherwise, and (ii) if a registration statement (which may be the Registration Statement) covering the issuance or resale of the Warrant Shares that are subject to an Exercise Notice is not available for the issuance or resale, as applicable, of such Exercise Notice Warrant Shares and the Holder has submitted an Exercise Notice prior to receiving notice of the non-availability of such registration statement and the Company has not already delivered the Warrant Shares underlying such Exercise Notice electronically without any restrictive legend by crediting such aggregate number of Warrant Shares to which the Holder is entitled pursuant to such exercise to the Holder’s or its designee’s balance account with DTC through its Deposit / Withdrawal At Custodian system, the Holder shall have the option, by delivery of notice to the Company, to (x) rescind such Exercise Notice in whole or in part and retain or have returned, as the case may be, any portion of this Warrant that has not been exercised pursuant to such Exercise Notice; provided that the rescission of an Exercise Notice shall not affect the Company’s obligation to make any payments that have accrued prior to the date of such notice pursuant to this Section 1(c) or otherwise, and/or (y) switch some or all of such Exercise Notice from a cash exercise to a Cashless Exercise.

(d) **Cashless Exercise.** Notwithstanding anything contained herein to the contrary (other than Section 1(f) below), if at the time of exercise hereof the Registration Statement is not effective (or the prospectus contained therein is not available for use) for the issuance of all of the Warrant Shares, then the Holder may, in its sole discretion, exercise this Warrant in whole or in part and, in lieu of making the cash payment otherwise contemplated to be made to the Company upon such exercise payment of the Aggregate Exercise Price, elect instead to receive upon such exercise the “Net Number” of Warrant Shares determined according to the following formula (a **“Cashless Exercise”**):

$$\text{Net Number} = \frac{(A \times B) - (A \times C)}{D}$$

For purposes of the foregoing formula:

A= the total number of shares with respect to which this Warrant is then being exercised.

B = the quotient of (x) the sum of the Weighted Average Price of the Common Stock of each of the five (5) Trading Days ending at the close of business on the Principal Market immediately prior to the time of exercise as set forth in the applicable Exercise Notice, divided by (y) five (5).

C = the Exercise Price then in effect for the applicable Warrant Shares at the time of such exercise.

D = as applicable: (i) the Closing Sale Price of the Common Stock on the Trading Day immediately preceding the date of the applicable Exercise Notice if such Exercise Notice is (1) both executed and delivered pursuant to Section 1(d) hereof on a day that is not a Trading Day or (2) both executed and delivered pursuant to Section 1(d) hereof on a Trading Day prior to the opening of "regular trading hours" (as defined in Rule 600(b)(68) of Regulation NMS promulgated under the federal securities laws) on such Trading Day, (ii) the Bid Price of the Common Stock as of the time of the Holder's execution of the applicable Exercise Notice if such Exercise Notice is executed during "regular trading hours" on a Trading Day and is delivered within two (2) hours thereafter pursuant to Section 1(d) hereof, or (iii) the Closing Sale Price of the Common Stock on the date of the applicable Exercise Notice if the date of such Exercise Notice is a Trading Day and such Exercise Notice is both executed and delivered pursuant to Section 1(d) hereof after the close of "regular trading hours" on such Trading Day.

If the Warrant Shares are issued in a Cashless Exercise, the parties acknowledge and agree that in accordance with Section 3(a)(9) of the 1933 Act, the Warrant Shares take on the registered characteristics of the Warrants being exercised. For purposes of Rule 144(d) promulgated under the 1933 Act, as in effect on the Issuance Date, it is intended that the Warrant Shares issued in a Cashless Exercise shall be deemed to have been acquired by the Holder, and the holding period for the Warrant Shares shall be deemed to have commenced, on the date this Warrant was originally issued pursuant to the Securities Purchase Agreement.

(e) Disputes. In the case of a dispute as to the determination of the Exercise Price or the arithmetic calculation of the number of Warrant Shares to be issued pursuant to the terms hereof, the Company shall promptly issue to the Holder the number of Warrant Shares that are not disputed and resolve such dispute in accordance with Section 13.

(f) Limitations on Exercises. The Company shall not effect the exercise of any portion of this Warrant, and the Holder shall not have the right to exercise any portion of this Warrant, pursuant to the terms and conditions of this Warrant and any such exercise shall be null and void and treated as if never made, to the extent that after giving effect to such exercise, the Holder together with the other Attribution Parties collectively would beneficially own in excess of 4.99% (the "**Maximum Percentage**") of the shares of Common Stock outstanding immediately after giving effect to such exercise. For purposes of the foregoing sentence, the aggregate number of shares of Common Stock beneficially owned by the Holder and the other Attribution Parties shall include the number of shares of Common Stock held by the Holder and all other Attribution Parties plus the number of shares of Common Stock issuable upon exercise of this Warrant with respect to which the determination of such sentence is being made, but shall exclude shares of Common Stock which would be issuable upon (A) exercise of the remaining, unexercised portion of this Warrant beneficially owned by the Holder or any of the other Attribution Parties and (B) exercise or conversion of the unexercised or unconverted portion of any other securities of the Company (including, without limitation, any convertible notes or convertible preferred stock or warrants, including other Registered Warrants) beneficially owned by the Holder or any other Attribution Party subject to a limitation on conversion or exercise analogous to the limitation contained in this Section 1(f)(i). For purposes of this Section 1(f)(i), beneficial ownership shall be calculated in accordance with Section 13(d) of the 1934 Act. For purposes of determining the number of outstanding shares of Common Stock the Holder may acquire upon the exercise of this Warrant without exceeding the Maximum Percentage, the Holder may rely on the number of outstanding shares of Common Stock as reflected in (x) the Company's most recent Annual Report on Form 10-K, Quarterly Report on Form 10-Q, Current Report on Form 8-K or other public filing with the SEC, as the case may be, (y) a more recent public announcement by the Company or (z) any other written notice by the Company or the Transfer Agent, if any, setting forth the number of shares of Common Stock outstanding (the "**Reported Outstanding Share Number**"). If the Company receives an Exercise Notice from the Holder at a time when the actual number of outstanding shares of Common Stock is less than the Reported Outstanding Share Number, the Company shall (i) notify the Holder in writing of the number of shares of Common Stock then outstanding and, to the extent that such Exercise Notice

would otherwise cause the Holder's beneficial ownership, as determined pursuant to this Section 1(f)(i), to exceed the Maximum Percentage, the Holder must notify the Company of a reduced number of Warrant Shares to be acquired pursuant to such Exercise Notice (the number of shares by which such purchase is reduced, the "**Reduction Shares**") and (ii) as soon as reasonably practicable, the Company shall return to the Holder any exercise price paid by the Holder for the Reduction Shares. For any reason at any time, upon the written or oral request of the Holder, the Company shall within one (1) Business Day confirm orally and in writing or by electronic mail to the Holder the number of shares of Common Stock then outstanding. In any case, the number of outstanding shares of Common Stock shall be determined after giving effect to the conversion or exercise of securities of the Company, including this Warrant, by the Holder and any other Attribution Party since the date as of which the Reported Outstanding Share Number was reported. In the event that the issuance of shares of Common Stock to the Holder upon exercise of this Warrant results in the Holder and the other Attribution Parties being deemed to beneficially own, in the aggregate, more than the Maximum Percentage of the number of outstanding shares of Common Stock (as determined under Section 13(d) of the 1934 Act), the number of shares so issued by which the Holder's and the other Attribution Parties' aggregate beneficial ownership exceeds the Maximum Percentage (the "**Excess Shares**") shall be deemed null and void and shall be cancelled ab initio, and the Holder shall not have the power to vote or to transfer the Excess Shares. As soon as reasonably practicable after the issuance of the Excess Shares has been deemed null and void, the Company shall return to the Holder the exercise price paid by the Holder for the Excess Shares. Upon delivery of a written notice to the Company, the Holder may from time to time increase (with such increase not effective until the sixty-first (61st) day after delivery of such notice) or decrease the Maximum Percentage to any other percentage not in excess of 9.99% as specified in such notice; provided that (i) any such increase in the Maximum Percentage will not be effective until the sixty-first (61st) day after such notice is delivered to the Company and (ii) any such increase or decrease will apply only to the Holder and the other Attribution Parties and not to any other holder of Registered Warrants that is not an Attribution Party of the Holder. For purposes of clarity, the shares of Common Stock issuable pursuant to the terms of this Warrant in excess of the Maximum Percentage shall not be deemed to be beneficially owned by the Holder for any purpose including for purposes of Section 13(d) or Rule 16a-1(a)(1) of the 1934 Act. No prior inability to exercise this Warrant pursuant to this paragraph shall have any effect on the applicability of the provisions of this paragraph with respect to any subsequent determination of exercisability. The provisions of this paragraph shall be construed and implemented in a manner otherwise than in strict conformity with the terms of this Section 1(f)(i) to the extent necessary to correct this paragraph or any portion of this paragraph which may be defective or inconsistent with the intended beneficial ownership limitation contained in this Section 1(f)(i) or to make changes or supplements necessary or desirable to properly give effect to such limitation. The limitation contained in this paragraph may not be waived and shall apply to a successor holder of this Warrant.

(g) Reservation of Shares.

(i) Required Reserve Amount. So long as this Warrant remains outstanding, the Company shall at all times keep reserved for issuance under this Warrant a number of shares of Common Stock at least equal to 100% of the maximum number of shares of Common Stock as shall be necessary to satisfy the Company's obligation to issue shares of Common Stock under the Registered Warrants then outstanding (without regard to any limitations on exercise) (the "**Required Reserve Amount**"); provided that at no time shall the number of shares of Common Stock reserved pursuant to this Section 1(g)(i) be reduced other than proportionally in connection with any exercise or redemption of Registered Warrants or such other event covered by Section 2(a) below. The Required Reserve Amount (including, without limitation, each increase in the number of shares so reserved) shall be allocated pro rata among the holders of the Registered Warrants based on number of shares of Common Stock issuable upon exercise of Registered Warrants held by each holder on the Closing Date (without regard to any limitations on exercise) or increase in the number of reserved shares, as the case may be (the "**Authorized Share Allocation**"). In the event that a holder shall sell or otherwise transfer any of such holder's Registered Warrants, each transferee shall be allocated a pro rata portion of such holder's Authorized Share Allocation. Any shares of Common Stock reserved and allocated to any Person which ceases to hold any Registered Warrants shall be allocated to the remaining holders of Registered Warrants, pro rata based on the number of shares of Common Stock issuable upon exercise of the Registered Warrants then held by such holders (without regard to any limitations on exercise).

(i i) Insufficient Authorized Shares. If, notwithstanding Section 1(g)(i) above, and not in limitation thereof, at any time while any of the Registered Warrants remain outstanding, the Company does not have a sufficient number of authorized and unreserved shares of Common Stock to satisfy its obligation to reserve the Required Reserve Amount (an “**Authorized Share Failure**”), then the Company shall immediately take all action necessary to increase the Company’s authorized shares of Common Stock to an amount sufficient to allow the Company to reserve the Required Reserve Amount for all the Registered Warrants then outstanding. Without limiting the generality of the foregoing sentence, as soon as practicable after the date of the occurrence of an Authorized Share Failure, but in no event later than sixty (60) days after the occurrence of such Authorized Share Failure, the Company shall hold a meeting of its stockholders for the approval of an increase in the number of authorized shares of Common Stock. In connection with such meeting, the Company shall provide each stockholder with a proxy statement and shall use its best efforts to solicit its stockholders’ approval of such increase in authorized shares of Common Stock and to cause its board of directors to recommend to the stockholders that they approve such proposal. Notwithstanding the foregoing, if any such time of an Authorized Share Failure, the Company is able to obtain the written consent of a majority of the shares of its issued and outstanding shares of Common Stock to approve the increase in the number of authorized shares of Common Stock, the Company may satisfy this obligation by obtaining such consent and submitting for filing with the SEC an Information Statement on Schedule 14C.

2. ADJUSTMENT OF EXERCISE PRICE AND NUMBER OF WARRANT SHARES.

(a) Adjustment Upon Subdivision or Combination of Common Stock. The Exercise Price and number of Warrant Shares issuable upon exercise of this Warrant are subject to adjustment from time to time as set forth in this Section 2. If the Company, at any time on or after the Issuance Date, (i) pays a stock dividend on one or more classes of its then outstanding shares of Common Stock or otherwise makes a distribution on any class of capital stock that is payable in shares of Common Stock, (ii) subdivides (by any stock split, stock dividend, recapitalization or otherwise) one or more classes of its then outstanding shares of Common Stock into a larger number of shares or (iii) combines (by combination, reverse stock split or otherwise) one or more classes of its then outstanding shares of Common Stock into a smaller number of shares, then in each such case the Exercise Price shall be multiplied by a fraction of which the numerator shall be the number of shares of Common Stock outstanding immediately before such event and of which the denominator shall be the number of shares of Common Stock outstanding immediately after such event. Any adjustment made pursuant to clause (i) of this paragraph shall become effective immediately after the record date for the determination of stockholders entitled to receive such dividend or distribution, and any adjustment pursuant to clause (ii) or (iii) of this paragraph shall become effective immediately after the effective date of such subdivision or combination. If any event requiring an adjustment under this paragraph occurs during the period that an Exercise Price is calculated hereunder, then the calculation of such Exercise Price shall be adjusted appropriately to reflect such event.

(b) Holder's Right of Alternative Exercise Price Following Issuance of Certain Options or Convertible Securities In addition to and not in limitation of the other provisions of this Section 2, if the Company at any time after the Issuance Date and prior to the 3rd anniversary of the Closing Date in any manner issues or sells or enters into any agreement to issue or sell, any Common Stock, Options or Convertible Securities (any such securities, “**Variable Price Securities**”) that are issuable pursuant to such agreement or convertible or exercisable into or exchangeable or exercisable for shares of Common Stock at a price which varies or may vary with the market price of the shares of Common Stock, including by way of one or more reset(s) to a fixed price, but exclusive of such formulations reflecting customary anti-dilution provisions (such as share splits, share combinations, share dividends and similar transactions) (each of the formulations for such variable price being herein referred to as, the “**Variable Price**”), the Company shall provide written notice thereof via facsimile or electronic mail and overnight courier to the Holder on the date of such agreement and the issuance of such Convertible Securities or Options. From and after the earlier to occur of (i) the date the Company enters into such agreement, if any, and (ii) the date the Company issues any such Variable Price Securities, the Holder shall have the right, but not the obligation, in its sole discretion to substitute the Variable Price for the Exercise Price upon exercise of this Warrant by designating in the Exercise Notice delivered upon any exercise of this Warrant that solely for purposes of such exercise the Holder is relying on the Variable Price rather than the Exercise Price then in effect. The Holder's election to rely on a Variable Price for a particular exercise of this Warrant shall not obligate the Holder to rely on a Variable Price for any future exercises of

this Warrant. Notwithstanding anything herein to the contrary, "at-the-market" continuous equity offerings following the nine (9) month anniversary of the Date of Issuance shall not be deemed Variable Price Securities.

(c) Other Events. If any event occurs of the type contemplated by the provisions of this Section 2 but not expressly provided for by such provisions (including, without limitation, the granting of stock appreciation rights, phantom stock rights or other rights with equity features), then the Company's Board of Directors will make an appropriate adjustment in the Exercise Price and the number of Warrant Shares, as mutually determined by the Company's Board of Directors and the Required Holders, so as to protect the rights of the Holder; provided that no such adjustment pursuant to this Section 2(e) will increase the Exercise Price or decrease the number of Warrant Shares as otherwise determined pursuant to this Section 2.

(d) Number of Warrant Shares. Simultaneously with any adjustment to the Exercise Price pursuant to Section 2, the number of Warrant Shares that may be purchased upon exercise of this Warrant shall be increased or decreased proportionately, so that after such adjustment the aggregate Exercise Price payable hereunder for the adjusted number of Warrant Shares shall be the same as the aggregate Exercise Price in effect immediately prior to such adjustment (without regard to any limitations on exercise contained herein).

3 . RIGHTS UPON DISTRIBUTION OF ASSETS. In addition to any adjustments pursuant to Section 2 above, if, on or after the Issuance Date and on or prior to the Expiration Date, the Company shall declare or make any dividend or other distribution of its assets (or rights to acquire its assets) to holders of shares of Common Stock, by way of return of capital or otherwise (including, without limitation, any distribution of cash, stock or other securities, property, options, evidence of indebtedness or any other assets by way of a dividend, spin off, reclassification, corporate rearrangement, scheme of arrangement or other similar transaction) (a "**Distribution**"), at any time after the issuance of this Warrant, then, in each such case, the Holder shall be entitled to participate in such Distribution to the same extent that the Holder would have participated therein if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations or restrictions on exercise of this Warrant, including without limitation, the Maximum Percentage) immediately before the date of which a record is taken for such Distribution, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the participation in such Distribution (provided, however, that to the extent that the Holder's right to participate in any such Distribution would result in the Holder and the other Attribution Parties exceeding the Maximum Percentage, then the Holder shall not be entitled to participate in such Distribution to such extent (and shall not be entitled to beneficial ownership of such shares of Common Stock as a result of such Distribution (and beneficial ownership) to such extent) and the portion of such Distribution shall be held in abeyance for the benefit of the Holder until such time or times as its right thereto would not result in the Holder and the other Attribution Parties exceeding the Maximum Percentage, at which time or times the Holder shall be granted such Distribution (and any Distributions declared or made on such initial Distribution or on any subsequent Distribution held similarly in abeyance) to the same extent as if there had been no such limitation).

4. PURCHASE RIGHTS; FUNDAMENTAL TRANSACTIONS.

(a) Purchase Rights. In addition to any adjustments pursuant to Section 2 above, if at any time on or after the Issuance Date and on or prior to the Expiration Date the Company grants, issues or sells any Options, Convertible Securities or rights to purchase stock, warrants, securities or other property pro rata to the record holders of any class of Common Stock (the "**Purchase Rights**"), then the Holder will be entitled to acquire, upon the terms applicable to such Purchase Rights, the aggregate Purchase Rights which the Holder could have acquired if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations or restrictions on exercise of this Warrant, including without limitation, the Maximum Percentage) immediately before the date on which a record is taken for the grant, issuance or sale of such Purchase Rights, or, if no such record is taken, the date as of which the record holders of Common Stock are to be determined for the grant, issuance or sale of such Purchase Rights (provided, however, that to the extent that the Holder's right to participate in any such Purchase Right would result in the Holder and the other Attribution Parties exceeding the Maximum Percentage, then the Holder shall not be entitled to participate in such Purchase Right to such extent (and shall not be entitled to beneficial ownership of such Common Stock as a result of such Purchase Right (and beneficial ownership) to such extent) and such Purchase Right to such extent shall be held in abeyance for the benefit of the Holder until such time or times as its right thereto would not result in the Holder and the other

Attribution Parties exceeding the Maximum Percentage, at which time or times the Holder shall be granted such right (and any Purchase Right granted, issued or sold on such initial Purchase Right or on any subsequent Purchase Right to be held similarly in abeyance) to the same extent as if there had been no such limitation).

(b) Fundamental Transactions. The Company shall not enter into or be party to a Fundamental Transaction unless the Successor Entity assumes in writing, pursuant to written agreements in form and substance satisfactory to the Required Holders, all of the obligations of the Company under this Warrant and all other Transaction Documents in accordance with the provisions of this Section 4(b), including agreements to deliver to the Holder in exchange for this Warrant a security of the Successor Entity evidenced by a written instrument substantially similar in form and substance to this Warrant, but which is exercisable for a corresponding number of shares of capital stock equivalent to the shares of Common Stock issuable upon exercise of this Warrant (without regard to any limitations on the exercise of this Warrant) prior to such Fundamental Transaction, and with an exercise price which applies the exercise price hereunder to such shares of capital stock (taking into account the relative value of the shares of Common Stock pursuant to such Fundamental Transaction and the value of such shares of capital stock, such adjustments to the number of shares of capital stock and such exercise price being for the purpose of protecting the economic value of this Warrant immediately prior to the consummation of such Fundamental Transaction). Upon the consummation of each Fundamental Transaction, the Successor Entity shall succeed to, and be substituted for the Company (so that from and after the date of such Fundamental Transaction, each and every provision of this Warrant referring to the "Company" shall instead refer to the Successor Entity), and the Successor Entity may exercise every prior right and power of the Company and shall assume all prior obligations of the Company under this Warrant with the same effect as if the Successor Entity had been named as the Company in this Warrant. On or prior to the consummation of each Fundamental Transaction, the Successor Entity shall deliver to the Holder confirmation that there shall be issued upon exercise of this Warrant at any time after the consummation of the Fundamental Transaction, in lieu of the shares of Common Stock (or other securities, cash, assets or other property purchasable upon the exercise of this Warrant prior to such Fundamental Transaction), such shares of stock, securities, cash, assets or any other property whatsoever (including warrants or other purchase or subscription rights), which for purposes of clarification may continue to be shares of Common Stock, if any, that the Holder would have been entitled to receive upon the happening of such Fundamental Transaction or the record, eligibility or other determination date for the event resulting in such Fundamental Transaction, had this Warrant been exercised immediately prior to such Fundamental Transaction or the record, eligibility or other determination date for the event resulting in such Fundamental Transaction (without regard to any limitations on the exercise of this Warrant), as adjusted in accordance with the provisions of this Warrant. Notwithstanding the foregoing, and without limiting the provisions of Section 1(g) hereof, the Holder may elect, at its sole discretion, by delivery of a written notice to the Company, to permit a Fundamental Transaction without the required assumption of this Warrant. In addition to and not in substitution for any other rights hereunder, prior to the consummation of any Fundamental Transaction pursuant to which holders of Common Stock are entitled to receive securities, cash, assets or other property with respect to or in exchange for Common Stock (a "**Corporate Event**"), the Company shall make appropriate provision to ensure that, and any applicable Successor Entity shall ensure that, the Holder will thereafter have the right to receive upon exercise of this Warrant at any time after the consummation of the Corporate Event, shares of Common Stock or capital stock of the Successor Entity or, if so elected by the Holder, in lieu of the shares of Common Stock (or other securities, cash, assets or other property) (except such items still issuable under Sections 3 and 4(a), which shall continue to be receivable thereafter) issuable upon exercise of this Warrant prior to such Corporate Event, such shares of stock, securities, cash, assets or any other property whatsoever (including warrants or other purchase or subscription rights) which the Holder would have been entitled to receive upon the consummation of such Corporate Event or the record, eligibility or other determination date for the event resulting in such Corporate Event, had this Warrant been exercised immediately prior to such Corporate Event or the record, eligibility or other determination date for the event resulting in such Corporate Event (without regard to any limitations on exercise of this Warrant). Provision made pursuant to the preceding sentence shall be in a form and substance reasonably satisfactory to the Holder. The provisions of this Section 4(b) shall apply similarly and equally to successive Fundamental Transactions and Corporate Events.

5. NONCIRCUMVENTION. The Company hereby covenants and agrees that the Company will not, by amendment of its Articles of Incorporation, as amended, bylaws or through any reorganization, transfer of assets, consolidation, merger, scheme of arrangement, dissolution, issuance or sale of securities, or any other voluntary action, avoid or seek to avoid the observance or performance of any of the terms of this Warrant, and will at all times in good faith carry out all the provisions of this Warrant and take all action as may be required to protect the

rights of the Holder. Without limiting the generality of the foregoing, the Company (a) shall not increase the par value of any shares of Common Stock receivable upon the exercise of this Warrant above the Exercise Price then in effect, (b) shall take all such actions as may be necessary or appropriate in order that the Company may validly and legally issue fully paid and non-assessable shares of Common Stock upon the exercise of this Warrant and (c) shall, so long as any of the Warrants are outstanding, take all action necessary to reserve and keep available out of its authorized and unissued shares of Common Stock, solely for the purpose of effecting the exercise of the Warrants, the number of shares of Common Stock as shall from time to time be necessary to effect the exercise of the Warrants then outstanding (without regard to any limitations on exercise). Notwithstanding anything herein to the contrary, if after the sixty (60) calendar day anniversary of the Issuance Date, the Holder is not permitted to exercise this Warrant in full for any reason (other than pursuant to restrictions set forth in Section 1(f) hereof), the Company shall use its reasonable best efforts to promptly remedy such failure, including, without limitation, obtaining such consents or approvals as necessary to permit such exercise into shares of Common Stock

6 . WARRANT HOLDER NOT DEEMED A STOCKHOLDER. Except as otherwise specifically provided herein, the Holder, solely in its capacity as a holder of this Warrant, shall not be entitled to vote or receive dividends or be deemed the holder of share capital of the Company for any purpose, nor shall anything contained in this Warrant be construed to confer upon the Holder, solely in its capacity as the Holder of this Warrant, any of the rights of a stockholder of the Company or any right to vote, give or withhold consent to any corporate action (whether any reorganization, issue of stock, reclassification of stock, consolidation, merger, conveyance or otherwise), receive notice of meetings, receive dividends or subscription rights, or otherwise, prior to the issuance to the Holder of the Warrant Shares which it is then entitled to receive upon the due exercise of this Warrant. In addition, nothing contained in this Warrant shall be construed as imposing any liabilities on the Holder to purchase any securities (upon exercise of this Warrant or otherwise) or as a stockholder of the Company, whether such liabilities are asserted by the Company or by creditors of the Company. Notwithstanding this Section 6, the Company shall provide the Holder with copies of the same notices and other information given to the stockholders of the Company generally, contemporaneously with the giving thereof to the stockholders.

7. REISSUANCE OF WARRANTS.

(a) Transfer of Warrant. If this Warrant is to be transferred, the Holder shall surrender this Warrant to the Company, whereupon the Company will forthwith issue and deliver upon the order of the Holder a new Warrant (in accordance with Section 7(d)), registered as the Holder may request, representing the right to purchase the number of Warrant Shares being transferred by the Holder and, if less than the total number of Warrant Shares then underlying this Warrant is being transferred, a new Warrant (in accordance with Section 7(d)) to the Holder representing the right to purchase the number of Warrant Shares not being transferred.

(b) Lost, Stolen or Mutilated Warrant. Upon receipt by the Company of evidence reasonably satisfactory to the Company of the loss, theft, destruction or mutilation of this Warrant (as to which a written certification and the indemnification contemplated below shall suffice as such evidence), and, in the case of loss, theft or destruction, of any indemnification undertaking by the Holder to the Company in customary and reasonable form (but without the obligation to post a bond) and, in the case of mutilation, upon surrender and cancellation of this Warrant, the Company shall execute and deliver to the Holder a new Warrant (in accordance with Section 7(d)) representing the right to purchase the Warrant Shares then underlying this Warrant.

(c) Exchangeable for Multiple Warrants. This Warrant is exchangeable, upon the surrender hereof by the Holder at the principal office of the Company, for a new Warrant or Warrants (in accordance with Section 7(d)) representing in the aggregate the right to purchase the number of Warrant Shares then underlying this Warrant, and each such new Warrant will represent the right to purchase such portion of such Warrant Shares as is designated by the Holder at the time of such surrender; provided, however, no warrants for fractional shares of Common Stock shall be given.

(d) Issuance of New Warrants. Whenever the Company is required to issue a new Warrant pursuant to the terms of this Warrant, such new Warrant (i) shall be of like tenor with this Warrant, (ii) shall represent, as indicated on the face of such new Warrant, the right to purchase the Warrant Shares then underlying this Warrant (or in the case of a new Warrant being issued pursuant to Section 7(a) or Section 7(c), the Warrant Shares designated by the Holder which, when added to the number of shares of Common Stock underlying the other new Warrants issued

in connection with such issuance, does not exceed the number of Warrant Shares then underlying this Warrant), (iii) shall have an issuance date, as indicated on the face of such new Warrant which is the same as the Issuance Date, and (iv) shall have the same rights and conditions as this Warrant.

8. NOTICES. Whenever notice is required to be given under this Warrant, unless otherwise provided herein, such notice shall be given in accordance with Section 5.4 of the Securities Purchase Agreement. The Company shall provide the Holder with prompt written notice of all actions taken pursuant to this Warrant (other than the issuance of shares of Common Stock upon exercise in accordance with the terms hereof), including in reasonable detail a description of such action and the reason therefor. Without limiting the generality of the foregoing, the Company will give written notice to the Holder (i) immediately upon each adjustment of the Exercise Price and the number of Warrant Shares, setting forth in reasonable detail, and certifying, the calculation of such adjustment(s) and (ii) at least ten Trading Days prior to the date on which the Company closes its books or takes a record (A) with respect to any dividend or distribution upon the shares of Common Stock, (B) with respect to any grants, issuances or sales of any Options, Convertible Securities or rights to purchase stock, warrants, securities or other property to holders of shares of Common Stock or (C) for determining rights to vote with respect to any Fundamental Transaction, dissolution or liquidation; provided in each case that such information shall be made known to the public prior to or in conjunction with such notice being provided to the Holder. It is expressly understood and agreed that the time of exercise specified by the Holder in each Exercise Notice shall be definitive and may not be disputed or challenged by the Company.

9. AMENDMENT AND WAIVER. Except as otherwise provided herein, the provisions of this Warrant (other than Section 1(f)) may be amended and the Company may take any action herein prohibited, or omit to perform any act herein required to be performed by it, only if the Company has obtained the written consent of the Holder. No waiver shall be effective unless it is in writing and signed by an authorized representative of the waiving party.

10. SEVERABILITY. If any provision of this Warrant is prohibited by law or otherwise determined to be invalid or unenforceable by a court of competent jurisdiction, the provision that would otherwise be prohibited, invalid or unenforceable shall be deemed amended to apply to the broadest extent that it would be valid and enforceable, and the invalidity or unenforceability of such provision shall not affect the validity of the remaining provisions of this Warrant so long as this Warrant as so modified continues to express, without material change, the original intentions of the parties as to the subject matter hereof and the prohibited nature, invalidity or unenforceability of the provision(s) in question does not substantially impair the respective expectations or reciprocal obligations of the parties or the practical realization of the benefits that would otherwise be conferred upon the parties. The parties will endeavor in good faith negotiations to replace the prohibited, invalid or unenforceable provision(s) with a valid provision(s), the effect of which comes as close as possible to that of the prohibited, invalid or unenforceable provision(s).

11. GOVERNING LAW. This Warrant shall be governed by and construed and enforced in accordance with, and all questions concerning the construction, validity, interpretation and performance of this Warrant shall be governed by, the internal laws of the State of New York, without giving effect to any choice of law or conflict of law provision or rule (whether of the State of New York or any other jurisdictions) that would cause the application of the laws of any jurisdictions other than the State of New York. The Company hereby irrevocably waives personal service of process and consents to process being served in any such suit, action or proceeding by mailing a copy thereof to the Company at the address set forth on the signature page to the Securities Purchase Agreement and agrees that such service shall constitute good and sufficient service of process and notice thereof. The Company hereby irrevocably submits to the exclusive jurisdiction of the state and federal courts sitting in The City of New York, Borough of Manhattan, for the adjudication of any dispute hereunder or in connection herewith or with any transaction contemplated hereby or discussed herein, and hereby irrevocably waives, and agrees not to assert in any suit, action or proceeding, any claim that it is not personally subject to the jurisdiction of any such court, that such suit, action or proceeding is brought in an inconvenient forum or that the venue of such suit, action or proceeding is improper. Nothing contained herein shall be deemed to limit in any way any right to serve process in any manner permitted by law. Nothing contained herein shall be deemed to operate to preclude the Holder from bringing suit or taking other legal action against the Company in any other jurisdiction to collect on the Company's obligations to the Holder, to realize on any collateral or any other security for such obligations, or to enforce a judgment or other court ruling in favor of the Holder. **THE COMPANY HEREBY IRREVOCABLY WAIVES ANY RIGHT IT MAY HAVE TO, AND AGREES NOT TO REQUEST, A JURY TRIAL FOR THE ADJUDICATION OF**

ANY DISPUTE HEREUNDER OR IN CONNECTION WITH OR ARISING OUT OF THIS WARRANT OR ANY TRANSACTION CONTEMPLATED HEREBY.

12. CONSTRUCTION; HEADINGS. This Warrant shall be deemed to be jointly drafted by the Company and the Holder and shall not be construed against any Person as the drafter hereof. The headings of this Warrant are for convenience of reference and shall not form part of, or affect the interpretation of, this Warrant. Terms used in this Warrant but defined in the other Transaction Documents shall have the meanings ascribed to such terms on the Closing Date (as defined in the Securities Purchase Agreement) in such other Transaction Documents unless otherwise consented to in writing by the Holder.

13. DISPUTE RESOLUTION.

(a) Submission to Dispute Resolution.

(i) In the case of a dispute relating to the Exercise Price, the Closing Sale Price, or fair market value or the arithmetic calculation of the number of Warrant Shares (as the case may be) (including, without limitation, a dispute relating to the determination of any of the foregoing), the Company or the Holder (as the case may be) shall submit the dispute to the other party via facsimile or email (A) if by the Company, within two (2) Business Days after the occurrence of the circumstances giving rise to such dispute or (B) if by the Holder, within ten (10) Trading Days after the Holder learns of the circumstances giving rise to such dispute (or, if the Holder thereafter learns new information with respect to such circumstances, within ten (10) Trading Days after the Holder learns of such new information). If the Holder and the Company are unable to promptly resolve such dispute relating to such Exercise Price, such Closing Sale Price, or such fair market value or such arithmetic calculation of the number of Warrant Shares (as the case may be), at any time after the second (2nd) Business Day following such initial notice by the Company or the Holder (as the case may be) of such dispute to the Company or the Holder (as the case may be), then the Holder and the Company shall mutually agree upon, and select, an independent, reputable investment bank to resolve such dispute at the expense of the Company.

(ii) The Holder and the Company shall each deliver to such investment bank (A) a copy of the initial dispute submission so delivered in accordance with the first sentence of this Section 13 and (B) written documentation supporting its position with respect to such dispute, in each case, no later than 5:00 p.m. (New York time) by the fifth (5th) Business Day immediately following the date on which the investment bank was selected by the parties hereto (the **Dispute Submission Deadline**) (the documents referred to in the immediately preceding clauses (A) and (B) are collectively referred to herein as the **Required Dispute Documentation**) (it being understood and agreed that if either the Holder or the Company fails to so deliver all of the Required Dispute Documentation by the Dispute Submission Deadline, then the party who fails to so submit all of the Required Dispute Documentation shall no longer be entitled to (and hereby waives its right to) deliver or submit any written documentation or other support to such investment bank with respect to such dispute and such investment bank shall resolve such dispute based solely on the Required Dispute Documentation that was delivered to such investment bank prior to the Dispute Submission Deadline). Unless otherwise agreed to in writing by both the Company and the Holder or otherwise requested by such investment bank, neither the Company nor the Holder shall be entitled to deliver or submit any written documentation or other support to such investment bank in connection with such dispute (other than the Required Dispute Documentation).

(iii) The Company and the Holder shall cause such investment bank to determine the resolution of such dispute and notify the Company and the Holder of such resolution no later than ten (10) Business Days immediately following the Dispute Submission Deadline. The fees and expenses of such investment bank shall be paid 50/50 by the Company and the Holder.

(b) Miscellaneous. The Company expressly acknowledges and agrees that (i) this Section 13 constitutes an agreement to arbitrate between the Company and the Holder (and constitutes an arbitration agreement) under the rules then in effect under § 7501, et seq. of the New York Civil Practice Law and Rules (“CPLR”) and that the Holder is authorized to apply for an order to compel arbitration pursuant to CPLR § 7503(a) in order to compel compliance with this Section 13, (ii) the terms of this Warrant and each other applicable Transaction

Document shall serve as the basis for the selected investment bank's resolution of the applicable dispute, such investment bank shall be entitled (and is hereby expressly authorized) to make all findings, determinations and the like that such investment bank determines are required to be made by such investment bank in connection with its resolution of such dispute and in resolving such dispute such investment bank shall apply such findings, determinations and the like to the terms of this Warrant and any other applicable Transaction Documents, (iii) either the Company or the Holder shall have the right to submit any dispute described in this Section 13 to any state or federal court sitting in The City of New York, Borough of Manhattan in lieu of utilizing the procedures set forth in this Section 13 and (iv) nothing in this Section 13 shall limit the Holder from obtaining any injunctive relief or other equitable remedies (including, without limitation, with respect to any matters described in this Section 13).

14. REMEDIES, CHARACTERIZATION, OTHER OBLIGATIONS, BREACHES AND INJUNCTIVE RELIEF. The remedies provided in this Warrant shall be cumulative and in addition to all other remedies available under this Warrant and the other Transaction Documents, at law or in equity (including a decree of specific performance and/or other injunctive relief), and nothing herein shall limit the right of the Holder to pursue actual and consequential damages for any failure by the Company to comply with the terms of this Warrant. The Company covenants to the Holder that there shall be no characterization concerning this instrument other than as expressly provided herein. Amounts set forth or provided for herein with respect to payments, exercises and the like (and the computation thereof) shall be the amounts to be received by the Holder and shall not, except as expressly provided herein, be subject to any other obligation of the Company (or the performance thereof). The Company acknowledges that a breach by it of its obligations hereunder will cause irreparable harm to the Holder and that the remedy at law for any such breach may be inadequate. The Company therefore agrees that, in the event of any such breach or threatened breach, the holder of this Warrant shall be entitled, in addition to all other available remedies, to specific performance and/or temporary, preliminary and permanent injunctive or other equitable relief from any court of competent jurisdiction in any such case without the necessity of proving actual damages and without posting a bond or other security. The Company shall provide all information and documentation to the Holder that is requested by the Holder to enable the Holder to confirm the Company's compliance with the terms and conditions of this Warrant (including, without limitation, compliance with Section 1(g)(ii) hereof). The issuance of shares and certificates for shares as contemplated hereby upon the exercise of this Warrant shall be made without charge to the Holder or such shares for any issuance tax or other costs in respect thereof, provided that the Company shall not be required to pay any tax which may be payable in respect of any transfer involved in the issuance and delivery of any certificate in a name other than the Holder or its agent on its behalf.

15. PAYMENT OF COLLECTION, ENFORCEMENT AND OTHER COSTS. If (a) this Warrant is placed in the hands of an attorney for collection or enforcement or is collected or enforced through any legal proceeding or the holder otherwise takes action to collect amounts due under this Warrant or to enforce the provisions of this Warrant or (b) there occurs any bankruptcy, reorganization, receivership of the company or other proceedings affecting company creditors' rights and involving a claim under this Warrant, then the Company shall pay the costs incurred by the Holder for such collection, enforcement or action or in connection with such bankruptcy, reorganization, receivership or other proceeding, including, without limitation, attorneys' fees and disbursements.

16. TRANSFER. This Warrant may be offered for sale, sold, transferred or assigned without the consent of the Company.

17. DISCLOSURE. Upon receipt or delivery by the Company of any notice in accordance with the terms of this Warrant, unless the Company has in good faith determined that the matters relating to such notice do not constitute material, nonpublic information relating to the Company or its subsidiaries, the Company shall contemporaneously with any such receipt or delivery publicly disclose such material, nonpublic information on a Current Report on Form 8-K or otherwise. In the event that the Company believes that a notice contains material, nonpublic information relating to the Company or its subsidiaries, the Company so shall indicate to such Holder contemporaneously with delivery of such notice, and in the absence of any such indication, the Holder shall be allowed to presume that all matters relating to such notice do not constitute material, nonpublic information relating to the Company or its subsidiaries.

18. NOTICES. Whenever notice is required to be given under this Warrant, unless otherwise provided herein, such notice shall be given in writing, (i) if delivered (a) from within the domestic United States, by first-class registered or certified airmail, or nationally recognized overnight express courier, postage prepaid, electronic mail or

by facsimile or (b) from outside the United States, by International Federal Express, electronic mail or facsimile, and (ii) will be deemed given (A) if delivered by first-class registered or certified mail domestic, three (3) Business Days after so mailed, (B) if delivered by nationally recognized overnight carrier, one (1) Business Day after so mailed, (C) if delivered by International Federal Express, two (2) Business Days after so mailed and (D) if delivered by electronic mail, when sent and (E) if delivered by facsimile, when sent (provided that confirmation of transmission is generated and kept by the sending party), and will be delivered and addressed as follows:

(i) if to the Company, to:

Greenlane Holdings, Inc.
1095 Broken Sound Parkway, Suite 300
Boca Raton, FL 33487
Attention: William Mote; Douglas Fischer
Email: bmote@greenlane.com; dfischer@greenlane.com

With a copy to:

Morrison & Foerster, LLP
2100 L Street, NW
Washington, D.C. 20037
Attention: Justin R. Salon
Email: JustinSalon@mofo.com

(ii) if to the Holder, at such address or other contact information delivered by the Holder to Company or as is on the books and records of the Company.

19. The Company shall provide the Holder with prompt written notice of all actions taken pursuant to this Warrant, including in reasonable detail a description of such action and the reason therefor. Without limiting the generality of the foregoing, the Company will give written notice to the Holder (i) immediately upon any adjustment of the Exercise Price, setting forth in reasonable detail, and certifying, the calculation of such adjustment and (ii) at least fifteen (15) days prior to the date on which the Company closes its books or takes a record (A) with respect to any dividend or distribution upon the shares of Common Stock, or (B) with respect to any grants, issuances or sales of any Options, Convertible Securities or rights to purchase stock, warrants, securities or other property to holders of shares of Common Stock or (C) for determining rights to vote with respect to any Fundamental Transaction, dissolution or liquidation; provided in each case that such information shall be made known to the public prior to or in conjunction with such notice being provided to the Holder. It is expressly understood and agreed that the time of exercise specified by the Holder in each Exercise Notice shall be definitive and may not be disputed or challenged by the Company.

20. CERTAIN DEFINITIONS.

For purposes of this Warrant, the following terms shall have the following meanings:

(a) “**1933 Act**” means the Securities Act of 1933, as amended, and the rules and regulations thereunder.

(b) “**1934 Act**” means the Securities Exchange Act of 1934, as amended, and the rules and regulations thereunder.

(c) “**Affiliate**” means, with respect to any Person, any other Person that directly or indirectly controls, is controlled by, or is under common control with, such Person, it being understood for purposes of this definition that “control” of a Person means the power directly or indirectly either to vote 10% or more of the stock having ordinary voting power for the election of directors of such Person or direct or cause the direction of the management and policies of such Person whether by contract or otherwise.

(d) **“Attribution Parties”** means, collectively, the following Persons and entities: (i) any investment vehicle, including, any funds, feeder funds or managed accounts, currently, or from time to time after the Issuance Date, directly or indirectly managed or advised by the Holder’s investment manager or any of its Affiliates or principals, (ii) any direct or indirect Affiliates of the Holder or any of the foregoing, (iii) any Person acting or who could be deemed to be acting as a Group together with the Holder or any of the foregoing and (iv) any other Persons whose beneficial ownership of the Company’s Common Stock would or could be aggregated with the Holder’s and the other Attribution Parties for purposes of Section 13(d) of the 1934 Act. For clarity, the purpose of the foregoing is to subject collectively the Holder and all other Attribution Parties to the Maximum Percentage.

(e) **“Bid Price”** means, for any security as of the particular time of determination, the bid price for such security on the Principal Market as reported by Bloomberg as of such time of determination, or, if the Principal Market is not the principal securities exchange or trading market for such security, the bid price of such security on the principal securities exchange or trading market where such security is listed or traded as reported by Bloomberg as of such time of determination, or if the foregoing does not apply, the bid price of such security in the over-the-counter market on the electronic bulletin board for such security as reported by Bloomberg as of such time of determination, or, if no bid price is reported for such security by Bloomberg as of such time of determination, the average of the bid prices of any market makers for such security as reported in the “pink sheets” by OTC Markets Group Inc. (formerly Pink Sheets LLC) as of such time of determination. If the Bid Price cannot be calculated for a security as of the particular time of determination on any of the foregoing bases, the Bid Price of such security as of such time of determination shall be the fair market value as mutually determined by the Company and the Holder. If the Company and the Holder are unable to agree upon the fair market value of such security, then such dispute shall be resolved in accordance with the procedures in Section 13. All such determinations shall be appropriately adjusted for any stock dividend, stock split, stock combination or other similar transaction during such period.

(f) **“Bloomberg”** means Bloomberg Financial Markets, L.P.

(g) **“Business Day”** means any day other than Saturday, Sunday or other day on which commercial banks in The City of New York are authorized or required by law to remain closed.

(h) **“Closing Bid Price”** and **“Closing Sale Price”** means, for any security as of any date, the last closing bid price and last closing trade price, respectively, for such security on the Principal Market, as reported by Bloomberg, or, if the Principal Market begins to operate on an extended hours basis and does not designate the closing bid price or the closing trade price, as the case may be, then the last bid price or the last trade price, respectively, of such security prior to 4:00:00 p.m., New York time, as reported by Bloomberg, or, if the Principal Market is not the principal securities exchange or trading market for such security, the last closing bid price or last trade price, respectively, of such security on the principal securities exchange or trading market where such security is listed or traded as reported by Bloomberg, or if the foregoing do not apply, the last closing bid price or last trade price, respectively, of such security in the over-the-counter market on the electronic bulletin board for such security as reported by Bloomberg, or, if no closing bid price or last trade price, respectively, is reported for such security by Bloomberg, the average of the bid prices, or the ask prices, respectively, of any market makers for such security as reported in the OTC Link or “pink sheets” by OTC Markets Group Inc. (formerly Pink OTC Markets Inc.). If the Closing Bid Price or the Closing Sale Price cannot be calculated for a security on a particular date on any of the foregoing bases, the Closing Bid Price or the Closing Sale Price, as the case may be, of such security on such date shall be the fair market value as mutually determined by the Company and the Holder. If the Company and the Holder are unable to agree upon the fair market value of such security, then such dispute shall be resolved pursuant to Section 13. All such determinations to be appropriately adjusted for any stock dividend, stock split, stock combination, reclassification or other similar transaction during the applicable calculation period.

(i) **“Common Stock”** means (i) the Company’s shares of Class A common stock, \$0.01 par value per share, and (ii) any capital stock into which such common stock shall have been changed or any share capital resulting from a reclassification of such common stock.

(j) **“Convertible Securities”** means any stock or other security (other than Options) that is at any time and under any circumstances, directly or indirectly, convertible into, exercisable or exchangeable for, or which otherwise entitles the holder thereof to acquire, any shares of Common Stock.

(k) **“Eligible Market”** means The NASDAQ Capital Market, the NYSE American, The NASDAQ Global Select Market, The NASDAQ Global Market or The New York Stock Exchange, Inc.

(l) **“Expiration Date”** means the date that is the fifth (5th) anniversary of the issuance date of the Prior Warrant or, if such date falls on a day other than a Trading Day or on which trading does not take place on the Principal Market (a **“Holiday”**), the next date that is not a Holiday.

(m) **“Fundamental Transaction”** means (A) that the Company shall, directly or indirectly, including through subsidiaries, Affiliates or otherwise, in one or more related transactions, (i) consolidate or merge with or into (whether or not the Company is the surviving corporation) another Subject Entity, or (ii) sell, assign, transfer, convey or otherwise dispose of all or substantially all of the properties or assets of the Company or any of its “significant subsidiaries” (as defined in Rule 1-02 of Regulation S-X) to one or more Subject Entities, or (iii) make, or allow one or more Subject Entities to make, or allow the Company to be subject to or have its shares of Common Stock be subject to or party to one or more Subject Entities making, a purchase, tender or exchange offer that is accepted by the holders of at least either (x) 50% of the outstanding shares of Common Stock, (y) 50% of the outstanding shares of Common Stock calculated as if any shares of Common Stock held by all Subject Entities making or party to, or Affiliated with any Subject Entities making or party to, such purchase, tender or exchange offer were not outstanding; or (z) such number of shares of Common Stock such that all Subject Entities making or party to, or Affiliated with any Subject Entity making or party to, such purchase, tender or exchange offer, become collectively the beneficial owners (as defined in Rule 13d-3 under the 1934 Act) of at least 50% of the outstanding shares of Common Stock, or (iv) consummate a stock purchase agreement or other business combination (including, without limitation, a reorganization, recapitalization, spin-off or scheme of arrangement) with one or more Subject Entities whereby all such Subject Entities, individually or in the aggregate, acquire, either (x) at least 50% of the outstanding shares of Common Stock, (y) at least 50% of the outstanding shares of Common Stock calculated as if any shares of Common Stock held by all the Subject Entities making or party to, or Affiliated with any Subject Entity making or party to, such stock purchase agreement or other business combination were not outstanding; or (z) such number of shares of Common Stock such that the Subject Entities become collectively the beneficial owners (as defined in Rule 13d-3 under the 1934 Act) of at least 50% of the outstanding shares of Common Stock, or (v) reorganize, recapitalize or reclassify its shares of Common Stock, (B) that the Company shall, directly or indirectly, including through subsidiaries, Affiliates or otherwise, in one or more related transactions, allow any Subject Entity individually or the Subject Entities in the aggregate to be or become the “beneficial owner” (as defined in Rule 13d-3 under the 1934 Act), directly or indirectly, whether through acquisition, purchase, assignment, conveyance, tender, tender offer, exchange, reduction in outstanding shares of Common Stock, merger, consolidation, business combination, reorganization, recapitalization, spin-off, scheme of arrangement, reorganization, recapitalization or reclassification or otherwise in any manner whatsoever, of either (x) at least 50% of the aggregate ordinary voting power represented by issued and outstanding shares of Common Stock, (y) at least 50% of the aggregate ordinary voting power represented by issued and outstanding shares of Common Stock not held by all such Subject Entities as of the Issuance Date calculated as if any shares of Common Stock held by all such Subject Entities were not outstanding, or (z) a percentage of the aggregate ordinary voting power represented by issued and outstanding shares of Common Stock or other equity securities of the Company sufficient to allow such Subject Entities to effect a statutory short form merger or other transaction requiring other stockholders of the Company to surrender their Common Stock without approval of the stockholders of the Company or (C) directly or indirectly, including through subsidiaries, Affiliates or otherwise, in one or more related transactions, the issuance of or the entering into any other instrument or transaction structured in a manner to circumvent, or that circumvents, the intent of this definition in which case this definition shall be construed and implemented in a manner otherwise than in strict conformity with the terms of this definition to the extent necessary to correct this definition or any portion of this definition which may be defective or inconsistent with the intended treatment of such instrument or transaction.

(n) **“Group”** means a “group” as that term is used in Section 13(d) of the 1934 Act and as defined in Rule 13d-5 thereunder.

(o) **“Options”** means any rights, warrants or options to subscribe for or purchase shares of Common Stock or Convertible Securities.

(p) **“Parent Entity”** of a Person means an entity that, directly or indirectly, controls the applicable Person, including such entity whose common stock or equivalent equity security is quoted or listed on an Eligible

Market (or, if so elected by the Holder, any other market, exchange or quotation system), or, if there is more than one such Person or such entity, the Person or such entity designated by the Holder or in the absence of such designation, such Person or entity with the largest public market capitalization as of the date of consummation of the Fundamental Transaction.

(q) **“Person”** means an individual, a limited liability company, a partnership, a joint venture, a corporation, a trust, an unincorporated organization, any other entity or a government or any department or agency thereof.

(r) **“Principal Market”** means the NASDAQ Global Market.

(s) **“Required Holders”** means the Holders of this Warrant representing at least a majority of shares of Common Stock underlying this Warrant then outstanding.

(t) **“SEC”** means the United States Securities and Exchange Commission or the successor thereto.

(u) **“Subject Entity”** means any Person, Persons or Group or any Affiliate or associate of any such Person, Persons or Group.

(v) **“Successor Entity”** means one or more Person or Persons (or, if so elected by the Holder, the Company or Parent Entity) formed by, resulting from or surviving any Fundamental Transaction or one or more Person or Persons (or, if so elected by the Holder, the Company or the Parent Entity) with which such Fundamental Transaction shall have been entered into.

(w) **“Trading Day”** means, as applicable, (x) with respect to all price or trading volume determinations relating to the Common Stock, any day on which the Common Stock is traded on the Principal Market, or, if the Principal Market is not the principal trading market for the Common Stock, then on the principal securities exchange or securities market on which the Common Stock is then traded, provided that “Trading Day” shall not include any day on which the Common Stock is scheduled to trade on such exchange or market for less than 4.5 hours or any day that the Common Stock is suspended from trading during the final hour of trading on such exchange or market (or if such exchange or market does not designate in advance the closing time of trading on such exchange or market, then during the hour ending at 4:00:00 p.m., New York time) or (y) with respect to all determinations other than price determinations relating to the Common Stock, any day on which The New York Stock Exchange (or any successor thereto) is open for trading of securities.

(x) **“Transaction Documents”** means any agreement entered into by and between the Company and the Holder, as applicable.

(y) **“Weighted Average Price”** means, for any security as of any date, the dollar volume-weighted average price for such security on the Principal Market during the period beginning at 9:30:01 a.m., New York time (or such other time as the Principal Market publicly announces is the official open of trading), and ending at 4:00:00 p.m., New York time (or such other time as the Principal Market publicly announces is the official close of trading), as reported by Bloomberg through its “Volume at Price” function or, if the foregoing does not apply, the dollar volume-weighted average price of such security in the over-the-counter market on the electronic bulletin board for such security during the period beginning at 9:30:01 a.m., New York time (or such other time as such market publicly announces is the official open of trading), and ending at 4:00:00 p.m., New York time (or such other time as such market publicly announces is the official close of trading), as reported by Bloomberg, or, if no dollar volume-weighted average price is reported for such security by Bloomberg for such hours, the average of the highest Closing Bid Price and the lowest closing ask price of any of the market makers for such security as reported in the OTC Link or “pink sheets” by OTC Markets Group Inc. (formerly Pink OTC Markets Inc.). If the Weighted Average Price cannot be calculated for a security on a particular date on any of the foregoing bases, the Weighted Average Price of such security on such date shall be the fair market value as mutually determined by the Company and the Holder. If the Company and the Holder are unable to agree upon the fair market value of such security, then such dispute shall be resolved pursuant to Section 13 with the term “Weighted Average Price” being substituted for the term “Exercise Price.” All such determinations shall be appropriately adjusted for any stock dividend, stock split, stock combination, reclassification or other similar transaction during the applicable calculation period.

[signature page follows]

IN WITNESS WHEREOF, the Company has caused this Warrant to Purchase Common Stock to be duly executed as of the Issuance Date set out above.

GREENLANE HOLDINGS, INC.

By: _____
Name:
Title:

EXHIBIT A

EXERCISE NOTICE

TO BE EXECUTED BY THE REGISTERED HOLDER TO EXERCISE THIS
WARRANT TO PURCHASE COMMON STOCK

GREENLANE HOLDINGS, INC.

The undersigned holder hereby elects to exercise the Warrant to Purchase Common Stock No. _____ (the "**Warrant**") of Greenlane Holdings, Inc., a Delaware corporation (the "**Company**") as specified below. Capitalized terms used herein and not otherwise defined shall have the respective meanings set forth in the Warrant.

1. Form of Exercise Price. The Holder intends that payment of the Aggregate Exercise Price shall be made as:

_____ a "Cash Exercise" with respect to _____ Warrant Shares; and/or

_____ a "Cashless Exercise" with respect to _____ Warrant Shares.

2. Payment of Exercise Price. In the event that the Holder has elected a Cash Exercise with respect to some or all of the Warrant Shares to be issued pursuant hereto, the Holder shall pay the Aggregate Exercise Price in the sum of \$ _____ to the Company in accordance with the terms of the Warrant.

3. Variable Price Securities. By checking the box in this item 3, the holder elects to exercise the Warrant by substituting the Variable Price for the Exercise Price pursuant to Section 2(d) of the Warrant, which Variable Price equals \$ _____ per share.

4. Delivery of Warrant Shares. The Company shall deliver to Holder, or its designee or agent as specified below, _____ shares of Common Stock in accordance with the terms of the Warrant. Delivery shall be made to Holder, or for its benefit, as follows:

Check here if requesting delivery as a certificate to the following name and to the following address:

Issue to:

Check here if requesting delivery by Deposit/Withdrawal at Custodian as follows:

DTC Participant:

DTC Number:

Account Number:

Date: _____, _____

Name of Registered Holder

By:

Name:

Title:

Tax ID:

Facsimile:

E-mail Address:

EXHIBIT B

ACKNOWLEDGMENT

The Company hereby acknowledges this Exercise Notice and hereby directs Equiniti Trust Company, as transfer agent, to issue the above indicated number of shares of Common Stock on or prior to the applicable Share Delivery Date.

GREENLANE HOLDINGS, INC.

By:

Name:

Title:

GREENLANE HOLDINGS, INC.

Warrant To Purchase Common Stock

Warrant No.: []

Date of Issuance: August 31, 2021 (“**Issuance Date**”)

Greenlane Holdings, Inc., a Delaware corporation (the “**Company**”), hereby certifies that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, [], the registered holder hereof or its permitted assigns (the “**Holder**”), is entitled, subject to the terms set forth below, to purchase from the Company, at the Exercise Price (as defined below) then in effect, upon exercise of this Warrant to Purchase Common Stock (including any Warrants to purchase Common Stock issued in exchange, transfer or replacement hereof, the “**Warrant**”), at any time or times on or after the Issuance Date, but not after 11:59 p.m., New York time, on the Expiration Date (as defined below), [] (subject to adjustment as provided herein) fully paid and non-assessable shares of Common Stock (as defined below) (the “**Warrant Shares**”, and such number of Warrant Shares, the “**Warrant Number**”). Except as otherwise defined herein, capitalized terms in this Warrant shall have the meanings set forth in Section 20. This Warrant is being issued as a replacement for the warrant, dated January 18, 2019 (the “**Prior Warrant**”) issued pursuant to the Securities Purchase Agreement, dated as of January 15, 2019, issued to the Holder by KushCo Holdings, Inc. (“**KushCo**”) in accordance with Section 4(b) of the Prior Warrant and pursuant to the terms of the Agreement and Plan of Merger, dated March 31, 2021, by and among the Company, Merger Sub Gotham 1, LLC, Merger Sub Gotham 2, LLC and KushCo. As of the date hereof the Prior Warrant shall be of no further force and effect. The Company has registered the issuance of the Warrant Shares on its Registration Statement on Form S-4 (File number 333-256582) (as amended from time to time, the “**Registration Statement**”).

1. EXERCISE OF WARRANT.

(a) Mechanics of Exercise. Subject to the terms and conditions hereof (including, without limitation, the limitations set forth in Section 1(f)), this Warrant may be exercised by the Holder on any day on or after the Issuance Date (an “**Exercise Date**”), in whole or in part, by delivery (whether via facsimile or otherwise) of a written notice, in the form attached hereto as Exhibit A (the “**Exercise Notice**”), of the Holder’s election to exercise this Warrant. Within one (1) Trading Day following the delivery of the Exercise Notice, the Holder shall deliver payment to the Company of an amount equal to the Exercise Price in effect on the date of such exercise multiplied by the number of Warrant Shares as to which this Warrant was so exercised (the “**Aggregate Exercise Price**”) in cash or via wire transfer of immediately available funds if the Holder did not notify the Company in such Exercise Notice that such exercise was made pursuant to a Cashless Exercise (as defined in Section 1(d)). The Holder shall not be required to deliver the original of this Warrant in order to effect an exercise hereunder nor shall any ink-original signature or medallion guarantee (or other type of guarantee or notarization) with respect to any Exercise Notice be required. Execution and delivery of an Exercise Notice with respect to less than all of the Warrant Shares shall have the same effect as cancellation of the original of this Warrant and issuance of a new Warrant evidencing the right to purchase the remaining number of Warrant Shares. Execution and delivery of an Exercise Notice for all of the then-remaining Warrant Shares shall have the same effect as cancellation of the original of this Warrant after delivery of the Warrant Shares in accordance with the terms hereof. On or before the first (1st) Trading Day following the date on which the Company has received an Exercise Notice, the Company shall transmit by facsimile or electronic mail an acknowledgment of confirmation of receipt of such Exercise Notice, in the form attached hereto as Exhibit B, to the Holder and the Company’s transfer agent (the “**Transfer Agent**”), which confirmation shall constitute an instruction to the Transfer Agent to process such Exercise Notice in accordance with the terms herein. So long as the Holder delivers the Aggregate Exercise Price (or notice of a Cashless Exercise) on or prior to the first (1st) Trading Day following the date on which the Exercise Notice has been delivered to the Company, then on or prior to the second (2nd) Trading Day following the date on which the Exercise Notice has been delivered to the Company, or, if the Holder does not deliver the Aggregate Exercise Price (or notice of a Cashless Exercise) on or prior to the first (1st) Trading Day following the date on which the Exercise Notice has been delivered to the Company, then on or prior to the first (1st) Trading Day following the date on which the Aggregate Exercise Price (or notice of a Cashless Exercise) is delivered (the “**Share Delivery Deadline**”), the Company shall (i) provided that

the Transfer Agent is participating in The Depository Trust Company (“DTC”) Fast Automated Securities Transfer Program, upon the request of the Holder, credit such aggregate number of shares of Common Stock to which the Holder is entitled pursuant to such exercise to the Holder’s or its designee’s balance account with DTC through its Deposit/Withdrawal at Custodian system, or (ii) if the Transfer Agent is not participating in the DTC Fast Automated Securities Transfer Program, upon the request of the Holder, issue and deliver (via reputable overnight courier) to the address as specified in the Exercise Notice, a certificate, registered in the name of the Holder or its designee, for the number of shares of Common Stock to which the Holder shall be entitled pursuant to such exercise. The Company shall be responsible for all fees and expenses of the Transfer Agent and all fees and expenses with respect to the issuance of Warrant Shares via DTC, if any, including without limitation for same day processing. Upon delivery of an Exercise Notice, the Holder shall be deemed for all corporate purposes to have become the holder of record of the Warrant Shares with respect to which this Warrant has been exercised, irrespective of the date such Warrant Shares are credited to the Holder’s DTC account or the date of delivery of the certificates evidencing such Warrant Shares (as the case may be). If this Warrant is submitted in connection with any exercise pursuant to this Section 1(a) and the number of Warrant Shares represented by this Warrant submitted for exercise is greater than the number of Warrant Shares being acquired upon an exercise and upon surrender of this Warrant to the Company by the Holder, then, at the request of the Holder, the Company shall as soon as practicable and in no event later than two (2) Business Days after any exercise and at its own expense, issue and deliver to the Holder (or its designee) a new Warrant (in accordance with Section 7(d)) representing the right to purchase the number of Warrant Shares purchasable immediately prior to such exercise under this Warrant, less the number of Warrant Shares with respect to which this Warrant is exercised. No fractional shares of Common Stock are to be issued upon the exercise of this Warrant, but rather the number of shares of Common Stock to be issued shall be rounded up to the nearest whole number. The Company shall pay any and all transfer, stamp, issuance and similar taxes, costs and expenses (including, without limitation, fees and expenses of the Transfer Agent) that may be payable with respect to the issuance and delivery of Warrant Shares upon exercise of this Warrant. From the Issuance Date through and including the Expiration Date, the Company shall maintain a transfer agent that participates in the DTC’s Fast Automated Securities Transfer Program. The Company’s obligations to issue and deliver Warrant Shares in accordance with the terms and subject to the conditions hereof are absolute and unconditional, irrespective of any action or inaction by the Holder to enforce the same, any waiver or consent with respect to any provision hereof, the recovery of any judgment against any Person or any action to enforce the same, or any setoff, counterclaim, recoupment, limitation or termination; provided, however, that the Company shall not be required to deliver Warrant Shares with respect to an exercise prior to the Holder’s delivery of the Aggregate Exercise Price (or notice of a Cashless Exercise) with respect to such exercise.

(b) Exercise Price. For purposes of this Warrant, “**Exercise Price**” means \$19.07, subject to adjustment as provided herein.

(c) Company’s Failure to Timely Deliver Securities. If the Company shall fail, for any reason or for no reason, on or prior to the Share Delivery Deadline, either (I) if the Transfer Agent is not participating in the DTC Fast Automated Securities Transfer Program, to issue and deliver to the Holder (or its designee) a certificate for the number of Warrant Shares to which the Holder is entitled and register such Warrant Shares on the Company’s share register or, if the Transfer Agent is participating in the DTC Fast Automated Securities Transfer Program, to credit the balance account of the Holder or the Holder’s designee with DTC for such number of Warrant Shares to which the Holder is entitled upon the Holder’s exercise of this Warrant (as the case may be) or (II) if the Registration Statement (or prospectus contained therein) covering the issuance of the Warrant Shares that are the subject of the Exercise Notice (the “**Unavailable Warrant Shares**”) is not available for the issuance of such Unavailable Warrant Shares and the Company fails to promptly (x) so notify the Holder and (y) deliver the Warrant Shares electronically without any restrictive legend by crediting such aggregate number of Warrant Shares to which the Holder is entitled pursuant to such exercise to the Holder’s or its designee’s balance account with DTC through its Deposit/Withdrawal At Custodian system (the event described in the immediately foregoing clause (II) is hereinafter referred to as a “**Notice Failure**” and together with the event described in clause (I) above, a “**Delivery Failure**”), and if on or after such Share Delivery Deadline the Holder purchases (in an open market transaction or otherwise) shares of Common Stock to deliver in satisfaction of a sale by the Holder of all or any portion of the number of shares of Common Stock issuable upon such exercise that the Holder is entitled to receive from the Company (a “**Buy-In**”), then, in addition to all other remedies available to the Holder, the Company shall, within three (3) Business Days after the Holder’s request and in the Holder’s discretion, either (i) pay cash to the Holder in an amount equal to the Holder’s total purchase price (including brokerage commissions and other out-of-pocket expenses, if any) for the

shares of Common Stock so purchased (including, without limitation, by any other Person in respect, or on behalf, of the Holder) (the "**Buy-In Price**"), at which point the Company's obligation to so issue and deliver such certificate (and to issue such shares of Common Stock) or credit the balance account of such Holder or such Holder's designee, as applicable, with DTC for the number of Warrant Shares to which the Holder is entitled upon the Holder's exercise hereunder (as the case may be) (and to issue such Warrant Shares) shall terminate, or (ii) promptly honor its obligation to so issue and deliver to the Holder a certificate or certificates representing such Warrant Shares or credit the balance account of such Holder or such Holder's designee, as applicable, with DTC for the number of Warrant Shares to which the Holder is entitled upon the Holder's exercise hereunder (as the case may be) and pay cash to the Holder in an amount equal to the excess (if any) of the Buy-In Price over the product of (A) such number of Warrant Shares multiplied by (B) the lowest Closing Sale Price of the Common Stock on any Trading Day during the period commencing on the date of the applicable Exercise Notice and ending on the date of such issuance and payment under this clause (ii) (the "**Buy-In Payment Amount**"). Nothing shall limit the Holder's right to pursue any other remedies available to it hereunder, at law or in equity, including, without limitation, a decree of specific performance and/or injunctive relief with respect to the Company's failure to timely deliver certificates representing shares of Common Stock (or to electronically deliver such shares of Common Stock) upon the exercise of this Warrant as required pursuant to the terms hereof. Additionally, if the Company fails for any reason to deliver to the Holder the Warrant Shares subject to an Exercise Notice by the Share Delivery Deadline, the Company shall pay to the Holder, in cash, as liquidated damages and not as a penalty, for each \$1,000 of Warrant Shares subject to such exercise (based on the Weighted Average Price of the Common Stock on the date of the applicable Notice of Exercise), \$10 per Trading Day (increasing to \$20 per Trading Day on the fifth Trading Day after such liquidated damages begin to accrue) for each Trading Day after such Share Delivery Deadline until such Warrant Shares are delivered or Holder rescinds such exercise. In addition to the foregoing rights, (i) if the Company fails to deliver the applicable number of Warrant Shares upon an exercise pursuant to Section 1 by the applicable Share Delivery Date, then the Holder shall have the right to rescind such exercise in whole or in part and retain and/or have the Company return, as the case may be, any portion of this Warrant that has not been exercised pursuant to such Exercise Notice; provided that the rescission of an exercise shall not affect the Company's obligation to make any payments that have accrued prior to the date of such notice pursuant to this Section 1(c) or otherwise, and (ii) if a registration statement (which may be the Registration Statement) covering the issuance or resale of the Warrant Shares that are subject to an Exercise Notice is not available for the issuance or resale, as applicable, of such Exercise Notice Warrant Shares and the Holder has submitted an Exercise Notice prior to receiving notice of the non-availability of such registration statement and the Company has not already delivered the Warrant Shares underlying such Exercise Notice electronically without any restrictive legend by crediting such aggregate number of Warrant Shares to which the Holder is entitled pursuant to such exercise to the Holder's or its designee's balance account with DTC through its Deposit / Withdrawal At Custodian system, the Holder shall have the option, by delivery of notice to the Company, to (x) rescind such Exercise Notice in whole or in part and retain or have returned, as the case may be, any portion of this Warrant that has not been exercised pursuant to such Exercise Notice; provided that the rescission of an Exercise Notice shall not affect the Company's obligation to make any payments that have accrued prior to the date of such notice pursuant to this Section 1(c) or otherwise, and/or (y) switch some or all of such Exercise Notice from a cash exercise to a Cashless Exercise.

(d) Cashless Exercise. Notwithstanding anything contained herein to the contrary (other than Section 1(f) below), if at the time of exercise hereof the Registration Statement is not effective (or the prospectus contained therein is not available for use) for the issuance of all of the Warrant Shares, then the Holder may only exercise this Warrant in whole or in part, at such time by means of a cashless exercise in which the Holder shall be entitled to receive upon such exercise the "Net Number" of Warrant Shares determined according to the following formula (a "**Cashless Exercise**"):

$$\text{Net Number} = \frac{(A \times B) - (A \times C)}{D}$$

For purposes of the foregoing formula:

A= the total number of shares with respect to which this Warrant is then being exercised.

B = the quotient of (x) the sum of the Weighted Average Price of the Common Stock of each of the three (3) Trading Days ending at the close of business on the Principal Market immediately prior to the time of exercise as set forth in the applicable Exercise Notice, divided by (y) three (3).

C = the Exercise Price then in effect for the applicable Warrant Shares at the time of such exercise.

D = as applicable: (i) the Closing Sale Price of the Common Stock on the Trading Day immediately preceding the date of the applicable Exercise Notice if such Exercise Notice is (1) both executed and delivered pursuant to Section 1(d) hereof on a day that is not a Trading Day or (2) both executed and delivered pursuant to Section 1(d) hereof on a Trading Day prior to the opening of "regular trading hours" (as defined in Rule 600(b)(68) of Regulation NMS promulgated under the federal securities laws) on such Trading Day, (ii) the Bid Price of the Common Stock as of the time of the Holder's execution of the applicable Exercise Notice if such Exercise Notice is executed during "regular trading hours" on a Trading Day and is delivered within two (2) hours thereafter pursuant to Section 1(d) hereof, or (iii) the Closing Sale Price of the Common Stock on the date of the applicable Exercise Notice if the date of such Exercise Notice is a Trading Day and such Exercise Notice is both executed and delivered pursuant to Section 1(d) hereof after the close of "regular trading hours" on such Trading Day.

If the Warrant Shares are issued in a Cashless Exercise, the parties acknowledge and agree that in accordance with Section 3(a)(9) of the 1933 Act, the Warrant Shares take on the registered characteristics of the Warrants being exercised. For purposes of Rule 144(d) promulgated under the 1933 Act, as in effect on the Issuance Date, it is intended that the Warrant Shares issued in a Cashless Exercise shall be deemed to have been acquired by the Holder, and the holding period for the Warrant Shares shall be deemed to have commenced, on the date this Warrant was originally issued pursuant to the Securities Purchase Agreement.

(e) Disputes. In the case of a dispute as to the determination of the Exercise Price or the arithmetic calculation of the number of Warrant Shares to be issued pursuant to the terms hereof, the Company shall promptly issue to the Holder the number of Warrant Shares that are not disputed and resolve such dispute in accordance with Section 13.

(f) Limitations on Exercises. The Company shall not effect the exercise of any portion of this Warrant, and the Holder shall not have the right to exercise any portion of this Warrant, pursuant to the terms and conditions of this Warrant and any such exercise shall be null and void and treated as if never made, to the extent that after giving effect to such exercise, the Holder together with the other Attribution Parties collectively would beneficially own in excess of 4.99% (the "**Maximum Percentage**") of the shares of Common Stock outstanding immediately after giving effect to such exercise. For purposes of the foregoing sentence, the aggregate number of shares of Common Stock beneficially owned by the Holder and the other Attribution Parties shall include the number of shares of Common Stock held by the Holder and all other Attribution Parties plus the number of shares of Common Stock issuable upon exercise of this Warrant with respect to which the determination of such sentence is being made, but shall exclude shares of Common Stock which would be issuable upon (A) exercise of the remaining, unexercised portion of this Warrant beneficially owned by the Holder or any of the other Attribution Parties and (B) exercise or conversion of the unexercised or unconverted portion of any other securities of the Company (including, without limitation, any convertible notes or convertible preferred stock or warrants, including other Registered Warrants) beneficially owned by the Holder or any other Attribution Party subject to a limitation on conversion or exercise analogous to the limitation contained in this Section 1(f)(i). For purposes of this Section 1(f)(i), beneficial ownership shall be calculated in accordance with Section 13(d) of the 1934 Act. For purposes of determining the number of outstanding shares of Common Stock the Holder may acquire upon the exercise of this Warrant without exceeding the Maximum Percentage, the Holder may rely on the number of outstanding shares of Common Stock as reflected in (x) the Company's most recent Annual Report on Form 10-K, Quarterly Report on Form 10-Q, Current Report on Form 8-K or other public filing with the SEC, as the case may be, (y) a more recent public announcement by the Company or (z) any other written notice by the Company or the Transfer Agent, if any, setting forth the number of shares of Common Stock outstanding (the "**Reported Outstanding Share Number**"). If the Company receives an Exercise Notice from the Holder at a time when the actual number of outstanding shares of Common Stock is less than the Reported Outstanding Share Number, the Company shall (i) notify the Holder in writing of the number of shares of Common Stock then outstanding and, to the extent that such Exercise Notice

would otherwise cause the Holder's beneficial ownership, as determined pursuant to this Section 1(f)(i), to exceed the Maximum Percentage, the Holder must notify the Company of a reduced number of Warrant Shares to be acquired pursuant to such Exercise Notice (the number of shares by which such purchase is reduced, the "**Reduction Shares**") and (ii) as soon as reasonably practicable, the Company shall return to the Holder any exercise price paid by the Holder for the Reduction Shares. For any reason at any time, upon the written or oral request of the Holder, the Company shall within one (1) Business Day confirm orally and in writing or by electronic mail to the Holder the number of shares of Common Stock then outstanding. In any case, the number of outstanding shares of Common Stock shall be determined after giving effect to the conversion or exercise of securities of the Company, including this Warrant, by the Holder and any other Attribution Party since the date as of which the Reported Outstanding Share Number was reported. In the event that the issuance of shares of Common Stock to the Holder upon exercise of this Warrant results in the Holder and the other Attribution Parties being deemed to beneficially own, in the aggregate, more than the Maximum Percentage of the number of outstanding shares of Common Stock (as determined under Section 13(d) of the 1934 Act), the number of shares so issued by which the Holder's and the other Attribution Parties' aggregate beneficial ownership exceeds the Maximum Percentage (the "**Excess Shares**") shall be deemed null and void and shall be cancelled ab initio, and the Holder shall not have the power to vote or to transfer the Excess Shares. As soon as reasonably practicable after the issuance of the Excess Shares has been deemed null and void, the Company shall return to the Holder the exercise price paid by the Holder for the Excess Shares. Upon delivery of a written notice to the Company, the Holder may from time to time increase (with such increase not effective until the sixty-first (61st) day after delivery of such notice) or decrease the Maximum Percentage to any other percentage not in excess of 9.99% as specified in such notice; provided that (i) any such increase in the Maximum Percentage will not be effective until the sixty-first (61st) day after such notice is delivered to the Company and (ii) any such increase or decrease will apply only to the Holder and the other Attribution Parties and not to any other holder of Registered Warrants that is not an Attribution Party of the Holder. For purposes of clarity, the shares of Common Stock issuable pursuant to the terms of this Warrant in excess of the Maximum Percentage shall not be deemed to be beneficially owned by the Holder for any purpose including for purposes of Section 13(d) or Rule 16a-1(a)(1) of the 1934 Act. No prior inability to exercise this Warrant pursuant to this paragraph shall have any effect on the applicability of the provisions of this paragraph with respect to any subsequent determination of exercisability. The provisions of this paragraph shall be construed and implemented in a manner otherwise than in strict conformity with the terms of this Section 1(f)(i) to the extent necessary to correct this paragraph or any portion of this paragraph which may be defective or inconsistent with the intended beneficial ownership limitation contained in this Section 1(f)(i) or to make changes or supplements necessary or desirable to properly give effect to such limitation. The limitation contained in this paragraph may not be waived and shall apply to a successor holder of this Warrant.

(g) Reservation of Shares.

(i) Required Reserve Amount. So long as this Warrant remains outstanding, the Company shall at all times keep reserved for issuance under this Warrant a number of shares of Common Stock at least equal to 100% of the maximum number of shares of Common Stock as shall be necessary to satisfy the Company's obligation to issue shares of Common Stock under the Registered Warrants then outstanding (without regard to any limitations on exercise) (the "**Required Reserve Amount**"); provided that at no time shall the number of shares of Common Stock reserved pursuant to this Section 1(g)(i) be reduced other than proportionally in connection with any exercise or redemption of Registered Warrants or such other event covered by Section 2(a) below. The Required Reserve Amount (including, without limitation, each increase in the number of shares so reserved) shall be allocated pro rata among the holders of the Registered Warrants based on number of shares of Common Stock issuable upon exercise of Registered Warrants held by each holder on the date of Closing (without regard to any limitations on exercise) or increase in the number of reserved shares, as the case may be (the "**Authorized Share Allocation**"). In the event that a holder shall sell or otherwise transfer any of such holder's Registered Warrants, each transferee shall be allocated a pro rata portion of such holder's Authorized Share Allocation. Any shares of Common Stock reserved and allocated to any Person which ceases to hold any Registered Warrants shall be allocated to the remaining holders of Registered Warrants, pro rata based on the number of shares of Common Stock issuable upon exercise of the Registered Warrants then held by such holders (without regard to any limitations on exercise).

(i i) Insufficient Authorized Shares. If, notwithstanding Section 1(g)(i) above, and not in limitation thereof, at any time while any of the Registered Warrants remain outstanding, the Company does not have a sufficient number of authorized and unreserved shares of Common Stock to satisfy its obligation to reserve the Required Reserve Amount (an “**Authorized Share Failure**”), then the Company shall immediately take all action necessary to increase the Company’s authorized shares of Common Stock to an amount sufficient to allow the Company to reserve the Required Reserve Amount for all the Registered Warrants then outstanding. Without limiting the generality of the foregoing sentence, as soon as practicable after the date of the occurrence of an Authorized Share Failure, but in no event later than sixty (60) days after the occurrence of such Authorized Share Failure, the Company shall hold a meeting of its stockholders for the approval of an increase in the number of authorized shares of Common Stock. In connection with such meeting, the Company shall provide each stockholder with a proxy statement and shall use its best efforts to solicit its stockholders’ approval of such increase in authorized shares of Common Stock and to cause its board of directors to recommend to the stockholders that they approve such proposal. Notwithstanding the foregoing, if any such time of an Authorized Share Failure, the Company is able to obtain the written consent of a majority of the shares of its issued and outstanding shares of Common Stock to approve the increase in the number of authorized shares of Common Stock, the Company may satisfy this obligation by obtaining such consent and submitting for filing with the SEC an Information Statement on Schedule 14C.

2. ADJUSTMENT OF EXERCISE PRICE AND NUMBER OF WARRANT SHARES.

(a) Adjustment Upon Subdivision or Combination of Common Stock. The Exercise Price and number of Warrant Shares issuable upon exercise of this Warrant are subject to adjustment from time to time as set forth in this Section 2. If the Company, at any time on or after the Issuance Date, (i) pays a stock dividend on one or more classes of its then outstanding shares of Common Stock or otherwise makes a distribution on any class of capital stock that is payable in shares of Common Stock, (ii) subdivides (by any stock split, stock dividend, recapitalization or otherwise) one or more classes of its then outstanding shares of Common Stock into a larger number of shares or (iii) combines (by combination, reverse stock split or otherwise) one or more classes of its then outstanding shares of Common Stock into a smaller number of shares, then in each such case the Exercise Price shall be multiplied by a fraction of which the numerator shall be the number of shares of Common Stock outstanding immediately before such event and of which the denominator shall be the number of shares of Common Stock outstanding immediately after such event. Any adjustment made pursuant to clause (i) of this paragraph shall become effective immediately after the record date for the determination of stockholders entitled to receive such dividend or distribution, and any adjustment pursuant to clause (ii) or (iii) of this paragraph shall become effective immediately after the effective date of such subdivision or combination. If any event requiring an adjustment under this paragraph occurs during the period that an Exercise Price is calculated hereunder, then the calculation of such Exercise Price shall be adjusted appropriately to reflect such event.

(b) Number of Warrant Shares. Simultaneously with any adjustment to the Exercise Price pursuant to Section 2, the number of Warrant Shares that may be purchased upon exercise of this Warrant shall be increased or decreased proportionately, so that after such adjustment the aggregate Exercise Price payable hereunder for the adjusted number of Warrant Shares shall be the same as the aggregate Exercise Price in effect immediately prior to such adjustment (without regard to any limitations on exercise contained herein).

3 . RIGHTS UPON DISTRIBUTION OF ASSETS. In addition to any adjustments pursuant to Section 2 above, if, on or after the Issuance Date and on or prior to the Expiration Date, the Company shall declare or make any dividend or other distribution of its assets (or rights to acquire its assets) to holders of shares of Common Stock, by way of return of capital or otherwise (including, without limitation, any distribution of cash, stock or other securities, property, options, evidence of indebtedness or any other assets by way of a dividend, spin off, reclassification, corporate rearrangement, scheme of arrangement or other similar transaction) (a “**Distribution**”), at any time after the issuance of this Warrant, then, in each such case, the Holder shall be entitled to participate in such Distribution to the same extent that the Holder would have participated therein if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations or restrictions on exercise of this Warrant, including without limitation, the Maximum Percentage) immediately before the date of which a record is taken for such Distribution, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the participation in such Distribution (provided,

however, that to the extent that the Holder's right to participate in any such Distribution would result in the Holder and the other Attribution Parties exceeding the Maximum Percentage, then the Holder shall not be entitled to participate in such Distribution to such extent (and shall not be entitled to beneficial ownership of such shares of Common Stock as a result of such Distribution (and beneficial ownership) to such extent) and the portion of such Distribution shall be held in abeyance for the benefit of the Holder until such time or times as its right thereto would not result in the Holder and the other Attribution Parties exceeding the Maximum Percentage, at which time or times the Holder shall be granted such Distribution (and any Distributions declared or made on such initial Distribution or on any subsequent Distribution held similarly in abeyance) to the same extent as if there had been no such limitation).

4. PURCHASE RIGHTS: FUNDAMENTAL TRANSACTIONS.

(a) Purchase Rights. In addition to any adjustments pursuant to Section 2 above, if at any time on or after the Issuance Date and on or prior to the Expiration Date the Company grants, issues or sells any Options, Convertible Securities or rights to purchase stock, warrants, securities or other property pro rata to the record holders of any class of Common Stock (the "**Purchase Rights**"), then the Holder will be entitled to acquire, upon the terms applicable to such Purchase Rights, the aggregate Purchase Rights which the Holder could have acquired if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations or restrictions on exercise of this Warrant, including without limitation, the Maximum Percentage) immediately before the date on which a record is taken for the grant, issuance or sale of such Purchase Rights, or, if no such record is taken, the date as of which the record holders of Common Stock are to be determined for the grant, issuance or sale of such Purchase Rights (provided, however, that to the extent that the Holder's right to participate in any such Purchase Right would result in the Holder and the other Attribution Parties exceeding the Maximum Percentage, then the Holder shall not be entitled to participate in such Purchase Right to such extent (and shall not be entitled to beneficial ownership of such Common Stock as a result of such Purchase Right (and beneficial ownership) to such extent) and such Purchase Right to such extent shall be held in abeyance for the benefit of the Holder until such time or times as its right thereto would not result in the Holder and the other Attribution Parties exceeding the Maximum Percentage, at which time or times the Holder shall be granted such right (and any Purchase Right granted, issued or sold on such initial Purchase Right or on any subsequent Purchase Right to be held similarly in abeyance) to the same extent as if there had been no such limitation).

(b) Fundamental Transactions. The Company shall not enter into or be party to a Fundamental Transaction unless the Successor Entity assumes in writing, pursuant to written agreements in form and substance satisfactory to the Required Holders, all of the obligations of the Company under this Warrant and all other Transaction Documents in accordance with the provisions of this Section 4(b), including agreements to deliver to the Holder in exchange for this Warrant a security of the Successor Entity evidenced by a written instrument substantially similar in form and substance to this Warrant, but which is exercisable for a corresponding number of shares of capital stock equivalent to the shares of Common Stock issuable upon exercise of this Warrant (without regard to any limitations on the exercise of this Warrant) prior to such Fundamental Transaction, and with an exercise price which applies the exercise price hereunder to such shares of capital stock (taking into account the relative value of the shares of Common Stock pursuant to such Fundamental Transaction and the value of such shares of capital stock, such adjustments to the number of shares of capital stock and such exercise price being for the purpose of protecting the economic value of this Warrant immediately prior to the consummation of such Fundamental Transaction). Upon the consummation of each Fundamental Transaction, the Successor Entity shall succeed to, and be substituted for the Company (so that from and after the date of such Fundamental Transaction, each and every provision of this Warrant referring to the "Company" shall instead refer to the Successor Entity), and the Successor Entity may exercise every prior right and power of the Company and shall assume all prior obligations of the Company under this Warrant with the same effect as if the Successor Entity had been named as the Company in this Warrant. On or prior to the consummation of each Fundamental Transaction, the Successor Entity shall deliver to the Holder confirmation that there shall be issued upon exercise of this Warrant at any time after the consummation of the Fundamental Transaction, in lieu of the shares of Common Stock (or other securities, cash, assets or other property purchasable upon the exercise of this Warrant prior to such Fundamental Transaction), such shares of stock, securities, cash, assets or any other property whatsoever (including warrants or other purchase or subscription rights), which for purposes of clarification may continue to be shares of Common Stock, if any, that the Holder would have been entitled to receive upon the happening of such Fundamental Transaction or the record, eligibility or other determination date for the event resulting in such Fundamental Transaction, had this Warrant

been exercised immediately prior to such Fundamental Transaction or the record, eligibility or other determination date for the event resulting in such Fundamental Transaction (without regard to any limitations on the exercise of this Warrant), as adjusted in accordance with the provisions of this Warrant. Notwithstanding the foregoing, and without limiting the provisions of Section 1(g) hereof, the Holder may elect, at its sole discretion, by delivery of a written notice to the Company, to permit a Fundamental Transaction without the required assumption of this Warrant. In addition to and not in substitution for any other rights hereunder, prior to the consummation of any Fundamental Transaction pursuant to which holders of Common Stock are entitled to receive securities, cash, assets or other property with respect to or in exchange for Common Stock (a "**Corporate Event**"), the Company shall make appropriate provision to ensure that, and any applicable Successor Entity shall ensure that, the Holder will thereafter have the right to receive upon exercise of this Warrant at any time after the consummation of the Corporate Event, shares of Common Stock or capital stock of the Successor Entity or, if so elected by the Holder, in lieu of the shares of Common Stock (or other securities, cash, assets or other property) (except such items still issuable under Sections 3 and 4(a), which shall continue to be receivable thereafter) issuable upon exercise of this Warrant prior to such Corporate Event, such shares of stock, securities, cash, assets or any other property whatsoever (including warrants or other purchase or subscription rights) which the Holder would have been entitled to receive upon the consummation of such Corporate Event or the record, eligibility or other determination date for the event resulting in such Corporate Event, had this Warrant been exercised immediately prior to such Corporate Event or the record, eligibility or other determination date for the event resulting in such Corporate Event (without regard to any limitations on exercise of this Warrant). Provision made pursuant to the preceding sentence shall be in a form and substance reasonably satisfactory to the Holder. The provisions of this Section 4(b) shall apply similarly and equally to successive Fundamental Transactions and Corporate Events.

5. NONCIRCUMVENTION. The Company hereby covenants and agrees that the Company will not, by amendment of its Articles of Incorporation, as amended, bylaws or through any reorganization, transfer of assets, consolidation, merger, scheme of arrangement, dissolution, issuance or sale of securities, or any other voluntary action, avoid or seek to avoid the observance or performance of any of the terms of this Warrant, and will at all times in good faith carry out all the provisions of this Warrant and take all action as may be required to protect the rights of the Holder. Without limiting the generality of the foregoing, the Company (a) shall not increase the par value of any shares of Common Stock receivable upon the exercise of this Warrant above the Exercise Price then in effect, (b) shall take all such actions as may be necessary or appropriate in order that the Company may validly and legally issue fully paid and non-assessable shares of Common Stock upon the exercise of this Warrant and (c) shall, so long as any of the Warrants are outstanding, take all action necessary to reserve and keep available out of its authorized and unissued shares of Common Stock, solely for the purpose of effecting the exercise of the Warrants, the number of shares of Common Stock as shall from time to time be necessary to effect the exercise of the Warrants then outstanding (without regard to any limitations on exercise). Notwithstanding anything herein to the contrary, if after the sixty (60) calendar day anniversary of the Issuance Date, the Holder is not permitted to exercise this Warrant in full for any reason (other than pursuant to restrictions set forth in Section 1(f) hereof), the Company shall use its reasonable best efforts to promptly remedy such failure, including, without limitation, obtaining such consents or approvals as necessary to permit such exercise into shares of Common Stock

6. WARRANT HOLDER NOT DEEMED A STOCKHOLDER. Except as otherwise specifically provided herein, the Holder, solely in its capacity as a holder of this Warrant, shall not be entitled to vote or receive dividends or be deemed the holder of share capital of the Company for any purpose, nor shall anything contained in this Warrant be construed to confer upon the Holder, solely in its capacity as the Holder of this Warrant, any of the rights of a stockholder of the Company or any right to vote, give or withhold consent to any corporate action (whether any reorganization, issue of stock, reclassification of stock, consolidation, merger, conveyance or otherwise), receive notice of meetings, receive dividends or subscription rights, or otherwise, prior to the issuance to the Holder of the Warrant Shares which it is then entitled to receive upon the due exercise of this Warrant. In addition, nothing contained in this Warrant shall be construed as imposing any liabilities on the Holder to purchase any securities (upon exercise of this Warrant or otherwise) or as a stockholder of the Company, whether such liabilities are asserted by the Company or by creditors of the Company. Notwithstanding this Section 6, the Company shall provide the Holder with copies of the same notices and other information given to the stockholders of the Company generally, contemporaneously with the giving thereof to the stockholders.

7. REISSUANCE OF WARRANTS.

(a) Transfer of Warrant. If this Warrant is to be transferred, the Holder shall surrender this Warrant to the Company, whereupon the Company will forthwith issue and deliver upon the order of the Holder a new Warrant (in accordance with Section 7(d)), registered as the Holder may request, representing the right to purchase the number of Warrant Shares being transferred by the Holder and, if less than the total number of Warrant Shares then underlying this Warrant is being transferred, a new Warrant (in accordance with Section 7(d)) to the Holder representing the right to purchase the number of Warrant Shares not being transferred.

(b) Lost, Stolen or Mutilated Warrant. Upon receipt by the Company of evidence reasonably satisfactory to the Company of the loss, theft, destruction or mutilation of this Warrant (as to which a written certification and the indemnification contemplated below shall suffice as such evidence), and, in the case of loss, theft or destruction, of any indemnification undertaking by the Holder to the Company in customary and reasonable form (but without the obligation to post a bond) and, in the case of mutilation, upon surrender and cancellation of this Warrant, the Company shall execute and deliver to the Holder a new Warrant (in accordance with Section 7(d)) representing the right to purchase the Warrant Shares then underlying this Warrant.

(c) Exchangeable for Multiple Warrants. This Warrant is exchangeable, upon the surrender hereof by the Holder at the principal office of the Company, for a new Warrant or Warrants (in accordance with Section 7(d)) representing in the aggregate the right to purchase the number of Warrant Shares then underlying this Warrant, and each such new Warrant will represent the right to purchase such portion of such Warrant Shares as is designated by the Holder at the time of such surrender; provided, however, no warrants for fractional shares of Common Stock shall be given.

(d) Issuance of New Warrants. Whenever the Company is required to issue a new Warrant pursuant to the terms of this Warrant, such new Warrant (i) shall be of like tenor with this Warrant, (ii) shall represent, as indicated on the face of such new Warrant, the right to purchase the Warrant Shares then underlying this Warrant (or in the case of a new Warrant being issued pursuant to Section 7(a) or Section 7(c), the Warrant Shares designated by the Holder which, when added to the number of shares of Common Stock underlying the other new Warrants issued in connection with such issuance, does not exceed the number of Warrant Shares then underlying this Warrant), (iii) shall have an issuance date, as indicated on the face of such new Warrant which is the same as the Issuance Date, and (iv) shall have the same rights and conditions as this Warrant.

8. NOTICES. Whenever notice is required to be given under this Warrant, unless otherwise provided herein, such notice shall be given in accordance with Section 5.4 of the Securities Purchase Agreement. The Company shall provide the Holder with prompt written notice of all actions taken pursuant to this Warrant (other than the issuance of shares of Common Stock upon exercise in accordance with the terms hereof), including in reasonable detail a description of such action and the reason therefor. Without limiting the generality of the foregoing, the Company will give written notice to the Holder (i) immediately upon each adjustment of the Exercise Price and the number of Warrant Shares, setting forth in reasonable detail, and certifying, the calculation of such adjustment(s) and (ii) at least ten Trading Days prior to the date on which the Company closes its books or takes a record (A) with respect to any dividend or distribution upon the shares of Common Stock, (B) with respect to any grants, issuances or sales of any Options, Convertible Securities or rights to purchase stock, warrants, securities or other property to holders of shares of Common Stock or (C) for determining rights to vote with respect to any Fundamental Transaction, dissolution or liquidation; provided in each case that such information shall be made known to the public prior to or in conjunction with such notice being provided to the Holder. It is expressly understood and agreed that the time of exercise specified by the Holder in each Exercise Notice shall be definitive and may not be disputed or challenged by the Company.

9. AMENDMENT AND WAIVER. Except as otherwise provided herein, the provisions of this Warrant (other than Section 1(f)) may be amended and the Company may take any action herein prohibited, or omit to perform any act herein required to be performed by it, only if the Company has obtained the written consent of the Holder. No waiver shall be effective unless it is in writing and signed by an authorized representative of the waiving party.

10. SEVERABILITY. If any provision of this Warrant is prohibited by law or otherwise determined to be invalid or unenforceable by a court of competent jurisdiction, the provision that would otherwise be prohibited, invalid or unenforceable shall be deemed amended to apply to the broadest extent that it would be valid and enforceable, and the invalidity or unenforceability of such provision shall not affect the validity of the remaining

provisions of this Warrant so long as this Warrant as so modified continues to express, without material change, the original intentions of the parties as to the subject matter hereof and the prohibited nature, invalidity or unenforceability of the provision(s) in question does not substantially impair the respective expectations or reciprocal obligations of the parties or the practical realization of the benefits that would otherwise be conferred upon the parties. The parties will endeavor in good faith negotiations to replace the prohibited, invalid or unenforceable provision(s) with a valid provision(s), the effect of which comes as close as possible to that of the prohibited, invalid or unenforceable provision(s).

11. GOVERNING LAW. This Warrant shall be governed by and construed and enforced in accordance with, and all questions concerning the construction, validity, interpretation and performance of this Warrant shall be governed by, the internal laws of the State of New York, without giving effect to any choice of law or conflict of law provision or rule (whether of the State of New York or any other jurisdictions) that would cause the application of the laws of any jurisdictions other than the State of New York. The Company hereby irrevocably waives personal service of process and consents to process being served in any such suit, action or proceeding by mailing a copy thereof to the Company at the address set forth on the signature page to the Securities Purchase Agreement and agrees that such service shall constitute good and sufficient service of process and notice thereof. The Company hereby irrevocably submits to the exclusive jurisdiction of the state and federal courts sitting in The City of New York, Borough of Manhattan, for the adjudication of any dispute hereunder or in connection herewith or with any transaction contemplated hereby or discussed herein, and hereby irrevocably waives, and agrees not to assert in any suit, action or proceeding, any claim that it is not personally subject to the jurisdiction of any such court, that such suit, action or proceeding is brought in an inconvenient forum or that the venue of such suit, action or proceeding is improper. Nothing contained herein shall be deemed to limit in any way any right to serve process in any manner permitted by law. Nothing contained herein shall be deemed or operate to preclude the Holder from bringing suit or taking other legal action against the Company in any other jurisdiction to collect on the Company's obligations to the Holder, to realize on any collateral or any other security for such obligations, or to enforce a judgment or other court ruling in favor of the Holder. **THE COMPANY HEREBY IRREVOCABLY WAIVES ANY RIGHT IT MAY HAVE TO, AND AGREES NOT TO REQUEST, A JURY TRIAL FOR THE ADJUDICATION OF ANY DISPUTE HEREUNDER OR IN CONNECTION WITH OR ARISING OUT OF THIS WARRANT OR ANY TRANSACTION CONTEMPLATED HEREBY.**

12. CONSTRUCTION; HEADINGS. This Warrant shall be deemed to be jointly drafted by the Company and the Holder and shall not be construed against any Person as the drafter hereof. The headings of this Warrant are for convenience of reference and shall not form part of, or affect the interpretation of, this Warrant. Terms used in this Warrant but defined in the other Transaction Documents shall have the meanings ascribed to such terms on the Closing Date (as defined in the Securities Purchase Agreement) in such other Transaction Documents unless otherwise consented to in writing by the Holder.

13. DISPUTE RESOLUTION.

(a) Submission to Dispute Resolution.

(i) In the case of a dispute relating to the Exercise Price, the Closing Sale Price, or fair market value or the arithmetic calculation of the number of Warrant Shares (as the case may be) (including, without limitation, a dispute relating to the determination of any of the foregoing), the Company or the Holder (as the case may be) shall submit the dispute to the other party via facsimile or email (A) if by the Company, within two (2) Business Days after the occurrence of the circumstances giving rise to such dispute or (B) if by the Holder, within ten (10) Trading Days after the Holder learns of the circumstances giving rise to such dispute (or, if the Holder thereafter learns new information with respect to such circumstances, within ten (10) Trading Days after the Holder learns of such new information). If the Holder and the Company are unable to promptly resolve such dispute relating to such Exercise Price, such Closing Sale Price, or such fair market value or such arithmetic calculation of the number of Warrant Shares (as the case may be), at any time after the second (2nd) Business Day following such initial notice by the Company or the Holder (as the case may be) of such dispute to the Company or the Holder (as the case may be), then the Holder and the Company shall mutually agree upon, and select, an independent, reputable investment bank to resolve such dispute at the expense of the Company.

(ii) The Holder and the Company shall each deliver to such investment bank (A) a copy of the initial dispute submission so delivered in accordance with the first sentence of this Section 13 and (B) written documentation supporting its position with respect to such dispute, in each case, no later than 5:00 p.m. (New York time) by the fifth (5th) Business Day immediately following the date on which the investment bank was selected by the parties hereto (the **Dispute Submission Deadline**) (the documents referred to in the immediately preceding clauses (A) and (B) are collectively referred to herein as the **Required Dispute Documentation**) (it being understood and agreed that if either the Holder or the Company fails to so deliver all of the Required Dispute Documentation by the Dispute Submission Deadline, then the party who fails to so submit all of the Required Dispute Documentation shall no longer be entitled to (and hereby waives its right to) deliver or submit any written documentation or other support to such investment bank with respect to such dispute and such investment bank shall resolve such dispute based solely on the Required Dispute Documentation that was delivered to such investment bank prior to the Dispute Submission Deadline). Unless otherwise agreed to in writing by both the Company and the Holder or otherwise requested by such investment bank, neither the Company nor the Holder shall be entitled to deliver or submit any written documentation or other support to such investment bank in connection with such dispute (other than the Required Dispute Documentation).

(iii) The Company and the Holder shall cause such investment bank to determine the resolution of such dispute and notify the Company and the Holder of such resolution no later than ten (10) Business Days immediately following the Dispute Submission Deadline. The fees and expenses of such investment bank shall be paid 50/50 by the Company and the Holder.

(b) Miscellaneous. The Company expressly acknowledges and agrees that (i) this Section 13 constitutes an agreement to arbitrate between the Company and the Holder (and constitutes an arbitration agreement) under the rules then in effect under § 7501, et seq. of the New York Civil Practice Law and Rules (“CPLR”) and that the Holder is authorized to apply for an order to compel arbitration pursuant to CPLR § 7503(a) in order to compel compliance with this Section 13, (ii) the terms of this Warrant and each other applicable Transaction Document shall serve as the basis for the selected investment bank’s resolution of the applicable dispute, such investment bank shall be entitled (and is hereby expressly authorized) to make all findings, determinations and the like that such investment bank determines are required to be made by such investment bank in connection with its resolution of such dispute and in resolving such dispute such investment bank shall apply such findings, determinations and the like to the terms of this Warrant and any other applicable Transaction Documents, (iii) either the Company or the Holder shall have the right to submit any dispute described in this Section 13 to any state or federal court sitting in The City of New York, Borough of Manhattan in lieu of utilizing the procedures set forth in this Section 13 and (iv) nothing in this Section 13 shall limit the Holder from obtaining any injunctive relief or other equitable remedies (including, without limitation, with respect to any matters described in this Section 13).

1 4 . REMEDIES, CHARACTERIZATION, OTHER OBLIGATIONS, BREACHES AND INJUNCTIVE RELIEF. The remedies provided in this Warrant shall be cumulative and in addition to all other remedies available under this Warrant and the other Transaction Documents, at law or in equity (including a decree of specific performance and/or other injunctive relief), and nothing herein shall limit the right of the Holder to pursue actual and consequential damages for any failure by the Company to comply with the terms of this Warrant. The Company covenants to the Holder that there shall be no characterization concerning this instrument other than as expressly provided herein. Amounts set forth or provided for herein with respect to payments, exercises and the like (and the computation thereof) shall be the amounts to be received by the Holder and shall not, except as expressly provided herein, be subject to any other obligation of the Company (or the performance thereof). The Company acknowledges that a breach by it of its obligations hereunder will cause irreparable harm to the Holder and that the remedy at law for any such breach may be inadequate. The Company therefore agrees that, in the event of any such breach or threatened breach, the holder of this Warrant shall be entitled, in addition to all other available remedies, to specific performance and/or temporary, preliminary and permanent injunctive or other equitable relief from any court of competent jurisdiction in any such case without the necessity of proving actual damages and without posting a bond or other security. The Company shall provide all information and documentation to the Holder that is requested by the Holder to enable the Holder to confirm the Company’s compliance with the terms and conditions of this Warrant (including, without limitation, compliance with Section 1(g)(ii) hereof). The issuance of shares and certificates for shares as contemplated hereby upon the exercise of this Warrant shall be made without charge to the Holder or such shares for any issuance tax or other costs in respect thereof, provided that the Company shall not be required to pay

any tax which may be payable in respect of any transfer involved in the issuance and delivery of any certificate in a name other than the Holder or its agent on its behalf.

15. PAYMENT OF COLLECTION, ENFORCEMENT AND OTHER COSTS. If (a) this Warrant is placed in the hands of an attorney for collection or enforcement or is collected or enforced through any legal proceeding or the holder otherwise takes action to collect amounts due under this Warrant or to enforce the provisions of this Warrant or (b) there occurs any bankruptcy, reorganization, receivership of the company or other proceedings affecting company creditors' rights and involving a claim under this Warrant, then the Company shall pay the costs incurred by the Holder for such collection, enforcement or action or in connection with such bankruptcy, reorganization, receivership or other proceeding, including, without limitation, attorneys' fees and disbursements.

16. TRANSFER. This Warrant may be offered for sale, sold, transferred or assigned without the consent of the Company.

17. DISCLOSURE. Upon receipt or delivery by the Company of any notice in accordance with the terms of this Warrant, unless the Company has in good faith determined that the matters relating to such notice do not constitute material, nonpublic information relating to the Company or its subsidiaries, the Company shall contemporaneously with any such receipt or delivery publicly disclose such material, nonpublic information on a Current Report on Form 8-K or otherwise. In the event that the Company believes that a notice contains material, nonpublic information relating to the Company or its subsidiaries, the Company so shall indicate to such Holder contemporaneously with delivery of such notice, and in the absence of any such indication, the Holder shall be allowed to presume that all matters relating to such notice do not constitute material, nonpublic information relating to the Company or its subsidiaries.

18. NOTICES. Whenever notice is required to be given under this Warrant, unless otherwise provided herein, such notice shall be given in writing, (i) if delivered (a) from within the domestic United States, by first-class registered or certified airmail, or nationally recognized overnight express courier, postage prepaid, electronic mail or by facsimile or (b) from outside the United States, by International Federal Express, electronic mail or facsimile, and (ii) will be deemed given (A) if delivered by first-class registered or certified mail domestic, three (3) Business Days after so mailed, (B) if delivered by nationally recognized overnight carrier, one (1) Business Day after so mailed, (C) if delivered by International Federal Express, two (2) Business Days after so mailed and (D) if delivered by electronic mail, when sent and (E) if delivered by facsimile, when sent (provided that confirmation of transmission is generated and kept by the sending party), and will be delivered and addressed as follows:

(i) if to the Company, to:

Greenlane Holdings, Inc.
1095 Broken Sound Parkway, Suite 300
Boca Raton, FL 33487
Attention: William Mote; Douglas Fischer
Email: bmote@greenlane.com; dfischer@greenlane.com

With a copy to:

Morrison & Foerster, LLP
2100 L Street, NW
Washington, D.C. 20037
Attention: Justin R. Salon
Email: JustinSalon@mof.com

(ii) if to the Holder, at such address or other contact information delivered by the Holder to Company or as is on the books and records of the Company.

19. The Company shall provide the Holder with prompt written notice of all actions taken pursuant to this Warrant, including in reasonable detail a description of such action and the reason therefor. Without limiting the generality of the foregoing, the Company will give written notice to the Holder (i) immediately upon any adjustment

of the Exercise Price, setting forth in reasonable detail, and certifying, the calculation of such adjustment and (ii) at least fifteen (15) days prior to the date on which the Company closes its books or takes a record (A) with respect to any dividend or distribution upon the shares of Common Stock, or (B) with respect to any grants, issuances or sales of any Options, Convertible Securities or rights to purchase stock, warrants, securities or other property to holders of shares of Common Stock or (C) for determining rights to vote with respect to any Fundamental Transaction, dissolution or liquidation; provided in each case that such information shall be made known to the public prior to or in conjunction with such notice being provided to the Holder. It is expressly understood and agreed that the time of exercise specified by the Holder in each Exercise Notice shall be definitive and may not be disputed or challenged by the Company.

20. CERTAIN DEFINITIONS.

For purposes of this Warrant, the following terms shall have the following meanings:

(a) “**1933 Act**” means the Securities Act of 1933, as amended, and the rules and regulations thereunder.

(b) “**1934 Act**” means the Securities Exchange Act of 1934, as amended, and the rules and regulations thereunder.

(c) “**Affiliate**” means, with respect to any Person, any other Person that directly or indirectly controls, is controlled by, or is under common control with, such Person, it being understood for purposes of this definition that “control” of a Person means the power directly or indirectly either to vote 10% or more of the stock having ordinary voting power for the election of directors of such Person or direct or cause the direction of the management and policies of such Person whether by contract or otherwise.

(d) “**Attribution Parties**” means, collectively, the following Persons and entities: (i) any investment vehicle, including, any funds, feeder funds or managed accounts, currently, or from time to time after the Issuance Date, directly or indirectly managed or advised by the Holder’s investment manager or any of its Affiliates or principals, (ii) any direct or indirect Affiliates of the Holder or any of the foregoing, (iii) any Person acting or who could be deemed to be acting as a Group together with the Holder or any of the foregoing and (iv) any other Persons whose beneficial ownership of the Company’s Common Stock would or could be aggregated with the Holder’s and the other Attribution Parties for purposes of Section 13(d) of the 1934 Act. For clarity, the purpose of the foregoing is to subject collectively the Holder and all other Attribution Parties to the Maximum Percentage.

(e) “**Bid Price**” means, for any security as of the particular time of determination, the bid price for such security on the Principal Market as reported by Bloomberg as of such time of determination, or, if the Principal Market is not the principal securities exchange or trading market for such security, the bid price of such security on the principal securities exchange or trading market where such security is listed or traded as reported by Bloomberg as of such time of determination, or if the foregoing does not apply, the bid price of such security in the over-the-counter market on the electronic bulletin board for such security as reported by Bloomberg as of such time of determination, or, if no bid price is reported for such security by Bloomberg as of such time of determination, the average of the bid prices of any market makers for such security as reported in the “pink sheets” by OTC Markets Group Inc. (formerly Pink Sheets LLC) as of such time of determination. If the Bid Price cannot be calculated for a security as of the particular time of determination on any of the foregoing bases, the Bid Price of such security as of such time of determination shall be the fair market value as mutually determined by the Company and the Holder. If the Company and the Holder are unable to agree upon the fair market value of such security, then such dispute shall be resolved in accordance with the procedures in Section 13. All such determinations shall be appropriately adjusted for any stock dividend, stock split, stock combination or other similar transaction during such period.

(f) “**Bloomberg**” means Bloomberg Financial Markets, L.P.

(g) “**Business Day**” means any day other than Saturday, Sunday or other day on which commercial banks in The City of New York are authorized or required by law to remain closed.

(h) **“Closing Bid Price”** and **“Closing Sale Price”** means, for any security as of any date, the last closing bid price and last closing trade price, respectively, for such security on the Principal Market, as reported by Bloomberg, or, if the Principal Market begins to operate on an extended hours basis and does not designate the closing bid price or the closing trade price, as the case may be, then the last bid price or the last trade price, respectively, of such security prior to 4:00:00 p.m., New York time, as reported by Bloomberg, or, if the Principal Market is not the principal securities exchange or trading market for such security, the last closing bid price or last trade price, respectively, of such security on the principal securities exchange or trading market where such security is listed or traded as reported by Bloomberg, or if the foregoing do not apply, the last closing bid price or last trade price, respectively, of such security in the over-the-counter market on the electronic bulletin board for such security as reported by Bloomberg, or, if no closing bid price or last trade price, respectively, is reported for such security by Bloomberg, the average of the bid prices, or the ask prices, respectively, of any market makers for such security as reported in the OTC Link or “pink sheets” by OTC Markets Group Inc. (formerly Pink OTC Markets Inc.). If the Closing Bid Price or the Closing Sale Price cannot be calculated for a security on a particular date on any of the foregoing bases, the Closing Bid Price or the Closing Sale Price, as the case may be, of such security on such date shall be the fair market value as mutually determined by the Company and the Holder. If the Company and the Holder are unable to agree upon the fair market value of such security, then such dispute shall be resolved pursuant to Section 13. All such determinations to be appropriately adjusted for any stock dividend, stock split, stock combination, reclassification or other similar transaction during the applicable calculation period.

(i) **“Common Stock”** means (i) the Company’s shares of Class A common stock, \$0.01 par value per share, and (ii) any capital stock into which such common stock shall have been changed or any share capital resulting from a reclassification of such common stock.

(j) **“Convertible Securities”** means any stock or other security (other than Options) that is at any time and under any circumstances, directly or indirectly, convertible into, exercisable or exchangeable for, or which otherwise entitles the holder thereof to acquire, any shares of Common Stock.

(k) **“Eligible Market”** means The NASDAQ Capital Market, the NYSE American, The NASDAQ Global Select Market, The NASDAQ Global Market or The New York Stock Exchange, Inc.

(l) **“Expiration Date”** means the date that is the fifth (5th) anniversary of the issuance date of the Prior Warrant or, if such date falls on a day other than a Trading Day or on which trading does not take place on the Principal Market (a **“Holiday”**), the next date that is not a Holiday.

(m) **“Fundamental Transaction”** means (A) that the Company shall, directly or indirectly, including through subsidiaries, Affiliates or otherwise, in one or more related transactions, (i) consolidate or merge with or into (whether or not the Company is the surviving corporation) another Subject Entity, or (ii) sell, assign, transfer, convey or otherwise dispose of all or substantially all of the properties or assets of the Company or any of its “significant subsidiaries” (as defined in Rule 1-02 of Regulation S-X) to one or more Subject Entities, or (iii) make, or allow one or more Subject Entities to make, or allow the Company to be subject to or have its shares of Common Stock be subject to or party to one or more Subject Entities making, a purchase, tender or exchange offer that is accepted by the holders of at least either (x) 50% of the outstanding shares of Common Stock, (y) 50% of the outstanding shares of Common Stock calculated as if any shares of Common Stock held by all Subject Entities making or party to, or Affiliated with any Subject Entities making or party to, such purchase, tender or exchange offer were not outstanding; or (z) such number of shares of Common Stock such that all Subject Entities making or party to, or Affiliated with any Subject Entity making or party to, such purchase, tender or exchange offer, become collectively the beneficial owners (as defined in Rule 13d-3 under the 1934 Act) of at least 50% of the outstanding shares of Common Stock, or (iv) consummate a stock purchase agreement or other business combination (including, without limitation, a reorganization, recapitalization, spin-off or scheme of arrangement) with one or more Subject Entities whereby all such Subject Entities, individually or in the aggregate, acquire, either (x) at least 50% of the outstanding shares of Common Stock, (y) at least 50% of the outstanding shares of Common Stock calculated as if any shares of Common Stock held by all the Subject Entities making or party to, or Affiliated with any Subject Entity making or party to, such stock purchase agreement or other business combination were not outstanding; or (z) such number of shares of Common Stock such that the Subject Entities become collectively the beneficial owners (as defined in Rule 13d-3 under the 1934 Act) of at least 50% of the outstanding shares of Common Stock, or (v) reorganize, recapitalize or reclassify its shares of Common Stock, (B) that the Company shall, directly or indirectly,

including through subsidiaries, Affiliates or otherwise, in one or more related transactions, allow any Subject Entity individually or the Subject Entities in the aggregate to be or become the “beneficial owner” (as defined in Rule 13d-3 under the 1934 Act), directly or indirectly, whether through acquisition, purchase, assignment, conveyance, tender, tender offer, exchange, reduction in outstanding shares of Common Stock, merger, consolidation, business combination, reorganization, recapitalization, spin-off, scheme of arrangement, reorganization, recapitalization or reclassification or otherwise in any manner whatsoever, of either (x) at least 50% of the aggregate ordinary voting power represented by issued and outstanding shares of Common Stock, (y) at least 50% of the aggregate ordinary voting power represented by issued and outstanding shares of Common Stock not held by all such Subject Entities as of the Issuance Date calculated as if any shares of Common Stock held by all such Subject Entities were not outstanding, or (z) a percentage of the aggregate ordinary voting power represented by issued and outstanding shares of Common Stock or other equity securities of the Company sufficient to allow such Subject Entities to effect a statutory short form merger or other transaction requiring other stockholders of the Company to surrender their Common Stock without approval of the stockholders of the Company or (C) directly or indirectly, including through subsidiaries, Affiliates or otherwise, in one or more related transactions, the issuance of or the entering into any other instrument or transaction structured in a manner to circumvent, or that circumvents, the intent of this definition in which case this definition shall be construed and implemented in a manner otherwise than in strict conformity with the terms of this definition to the extent necessary to correct this definition or any portion of this definition which may be defective or inconsistent with the intended treatment of such instrument or transaction.

(n) “**Group**” means a “group” as that term is used in Section 13(d) of the 1934 Act and as defined in Rule 13d-5 thereunder.

(o) “**Options**” means any rights, warrants or options to subscribe for or purchase shares of Common Stock or Convertible Securities.

(p) “**Parent Entity**” of a Person means an entity that, directly or indirectly, controls the applicable Person, including such entity whose common stock or equivalent equity security is quoted or listed on an Eligible Market (or, if so elected by the Holder, any other market, exchange or quotation system), or, if there is more than one such Person or such entity, the Person or such entity designated by the Holder or in the absence of such designation, such Person or entity with the largest public market capitalization as of the date of consummation of the Fundamental Transaction.

(q) “**Person**” means an individual, a limited liability company, a partnership, a joint venture, a corporation, a trust, an unincorporated organization, any other entity or a government or any department or agency thereof.

(r) “**Principal Market**” means the NASDAQ Global Market.

(s) “**Required Holders**” means the Holders of this Warrant representing at least a majority of shares of Common Stock underlying this Warrant then outstanding.

(t) “**SEC**” means the United States Securities and Exchange Commission or the successor thereto.

(u) “**Subject Entity**” means any Person, Persons or Group or any Affiliate or associate of any such Person, Persons or Group.

(v) “**Successor Entity**” means one or more Person or Persons (or, if so elected by the Holder, the Company or Parent Entity) formed by, resulting from or surviving any Fundamental Transaction or one or more Person or Persons (or, if so elected by the Holder, the Company or the Parent Entity) with which such Fundamental Transaction shall have been entered into.

(w) “**Trading Day**” means, as applicable, (x) with respect to all price or trading volume determinations relating to the Common Stock, any day on which the Common Stock is traded on the Principal Market, or, if the Principal Market is not the principal trading market for the Common Stock, then on the principal securities exchange or securities market on which the Common Stock is then traded, provided that “Trading Day” shall not include any day on which the Common Stock is scheduled to trade on such exchange or market for less

than 4.5 hours or any day that the Common Stock is suspended from trading during the final hour of trading on such exchange or market (or if such exchange or market does not designate in advance the closing time of trading on such exchange or market, then during the hour ending at 4:00:00 p.m., New York time) or (y) with respect to all determinations other than price determinations relating to the Common Stock, any day on which The New York Stock Exchange (or any successor thereto) is open for trading of securities.

(x) **“Transaction Documents”** means any agreement entered into by and between the Company and the Holder, as applicable.

(y) **“Weighted Average Price”** means, for any security as of any date, the dollar volume-weighted average price for such security on the Principal Market during the period beginning at 9:30:01 a.m., New York time (or such other time as the Principal Market publicly announces is the official open of trading), and ending at 4:00:00 p.m., New York time (or such other time as the Principal Market publicly announces is the official close of trading), as reported by Bloomberg through its “Volume at Price” function or, if the foregoing does not apply, the dollar volume-weighted average price of such security in the over-the-counter market on the electronic bulletin board for such security during the period beginning at 9:30:01 a.m., New York time (or such other time as such market publicly announces is the official open of trading), and ending at 4:00:00 p.m., New York time (or such other time as such market publicly announces is the official close of trading), as reported by Bloomberg, or, if no dollar volume-weighted average price is reported for such security by Bloomberg for such hours, the average of the highest Closing Bid Price and the lowest closing ask price of any of the market makers for such security as reported in the OTC Link or “pink sheets” by OTC Markets Group Inc. (formerly Pink OTC Markets Inc.). If the Weighted Average Price cannot be calculated for a security on a particular date on any of the foregoing bases, the Weighted Average Price of such security on such date shall be the fair market value as mutually determined by the Company and the Holder. If the Company and the Holder are unable to agree upon the fair market value of such security, then such dispute shall be resolved pursuant to Section 13 with the term “Weighted Average Price” being substituted for the term “Exercise Price.” All such determinations shall be appropriately adjusted for any stock dividend, stock split, stock combination, reclassification or other similar transaction during the applicable calculation period.

[signature page follows]

IN WITNESS WHEREOF, the Company has caused this Warrant to Purchase Common Stock to be duly executed as of the Issuance Date set out above.

GREENLANE HOLDINGS, INC.

By: _____
Name:
Title:

EXHIBIT A

EXERCISE NOTICE

TO BE EXECUTED BY THE REGISTERED HOLDER TO EXERCISE THIS
WARRANT TO PURCHASE COMMON STOCK

GREENLANE HOLDINGS, INC.

The undersigned holder hereby elects to exercise the Warrant to Purchase Common Stock No. _____ (the "**Warrant**") of Greenlane Holdings, Inc., a Delaware corporation (the "**Company**") as specified below. Capitalized terms used herein and not otherwise defined shall have the respective meanings set forth in the Warrant.

1. Form of Exercise Price. The Holder intends that payment of the Aggregate Exercise Price shall be made as:

_____ a "Cash Exercise" with respect to _____ Warrant Shares; and/or

_____ a "Cashless Exercise" with respect to _____ Warrant Shares.

2. Payment of Exercise Price. In the event that the Holder has elected a Cash Exercise with respect to some or all of the Warrant Shares to be issued pursuant hereto, the Holder shall pay the Aggregate Exercise Price in the sum of \$ _____ to the Company in accordance with the terms of the Warrant.

3. Delivery of Warrant Shares. The Company shall deliver to Holder, or its designee or agent as specified below, _____ shares of Common Stock in accordance with the terms of the Warrant. Delivery shall be made to Holder, or for its benefit, as follows:

Check here if requesting delivery as a certificate to the following name and to the following address:

Issue to:

Check here if requesting delivery by Deposit/Withdrawal at Custodian as follows:

DTC Participant:

DTC Number:

Account Number:

Date: _____, _____

Name of Registered Holder

By:

Name:

Title:

Tax ID:

Facsimile:

E-mail Address:

EXHIBIT B

ACKNOWLEDGMENT

The Company hereby acknowledges this Exercise Notice and hereby directs Equiniti Trust Company, as transfer agent, to issue the above indicated number of shares of Common Stock on or prior to the applicable Share Delivery Date.

GREENLANE HOLDINGS, INC.

By: _____

Name:

Title:

GREENLANE HOLDINGS, INC.

Warrant To Purchase Common Stock

Warrant No.: []

Date of Issuance: August 31, 2021 (“**Issuance Date**”)

Greenlane Holdings, Inc., a Delaware corporation (the “**Company**”), hereby certifies that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, [], the registered holder hereof or its permitted assigns (the “**Holder**”), is entitled, subject to the terms set forth below, to purchase from the Company, at the Exercise Price (as defined below) then in effect, upon exercise of this Warrant to Purchase Common Stock (including any Warrants to purchase Common Stock issued in exchange, transfer or replacement hereof, the “**Warrant**”), at any time or times on or after the Issuance Date, but not after 11:59 p.m., New York time, on the Expiration Date (as defined below), [] (subject to adjustment as provided herein) fully paid and non-assessable shares of Common Stock (as defined below) (the “**Warrant Shares**”, and such number of Warrant Shares, the “**Warrant Number**”). Except as otherwise defined herein, capitalized terms in this Warrant shall have the meanings set forth in Section 20. This Warrant is being issued as a replacement for the warrant, dated August 21, 2019 (the “**Prior Warrant**”) issued pursuant to the Securities Purchase Agreement, dated as of August 21, 2019, issued to the Holder by KushCo Holdings, Inc. (“**KushCo**”) in accordance with Section 4(b) of the Prior Warrant and pursuant to the terms of the Agreement and Plan of Merger, dated March 31, 2021, by and among the Company, Merger Sub Gotham 1, LLC, Merger Sub Gotham 2, LLC and KushCo. As of the date hereof the Prior Warrant shall be of no further force and effect. The Company has registered the issuance of the Warrant Shares on its Registration Statement on Form S-4 (File number 333-256582) (as amended from time to time, the “**Registration Statement**”).

1. EXERCISE OF WARRANT.

(a) Mechanics of Exercise. Subject to the terms and conditions hereof (including, without limitation, the limitations set forth in Section 1(f)), this Warrant may be exercised by the Holder on any day on or after the Issuance Date (an “**Exercise Date**”), in whole or in part, by delivery (whether via facsimile or otherwise) of a written notice, in the form attached hereto as Exhibit A (the “**Exercise Notice**”), of the Holder’s election to exercise this Warrant. Within one (1) Trading Day following the delivery of the Exercise Notice, the Holder shall deliver payment to the Company of an amount equal to the Exercise Price in effect on the date of such exercise multiplied by the number of Warrant Shares as to which this Warrant was so exercised (the “**Aggregate Exercise Price**”) in cash or via wire transfer of immediately available funds if the Holder did not notify the Company in such Exercise Notice that such exercise was made pursuant to a Cashless Exercise (as defined in Section 1(d)). The Holder shall not be required to deliver the original of this Warrant in order to effect an exercise hereunder nor shall any ink-original signature or medallion guarantee (or other type of guarantee or notarization) with respect to any Exercise Notice be required. Execution and delivery of an Exercise Notice with respect to less than all of the Warrant Shares shall have the same effect as cancellation of the original of this Warrant and issuance of a new Warrant evidencing the right to purchase the remaining number of Warrant Shares. Execution and delivery of an Exercise Notice for all of the then-remaining Warrant Shares shall have the same effect as cancellation of the original of this Warrant after delivery of the Warrant Shares in accordance with the terms hereof. On or before the first (1st) Trading Day following the date on which the Company has received an Exercise Notice, the Company shall transmit by facsimile or electronic mail an acknowledgment of confirmation of receipt of such Exercise Notice, in the form attached hereto as Exhibit B, to the Holder and the Company’s transfer agent (the “**Transfer Agent**”), which confirmation shall constitute an instruction to the Transfer Agent to process such Exercise Notice in accordance with the terms herein. So long as the Holder delivers the Aggregate Exercise Price (or notice of a Cashless Exercise) on or prior to the first (1st) Trading Day following the date on which the Exercise Notice has been delivered to the Company, then on or prior to the second (2nd) Trading Day following the date on which the Exercise Notice has been delivered to the Company, or, if the Holder does not deliver the Aggregate Exercise Price (or notice of a Cashless Exercise) on or prior to the first (1st) Trading Day following the date on which the Exercise Notice has been delivered to the Company, then on or prior to the first (1st) Trading Day following the date on which the Aggregate Exercise Price (or notice of a Cashless Exercise) is delivered (the “**Share Delivery Deadline**”), the Company shall (i) provided that the Transfer Agent is participating in The Depository Trust Company (“**DTC**”) Fast Automated Securities Transfer

Program, upon the request of the Holder, credit such aggregate number of shares of Common Stock to which the Holder is entitled pursuant to such exercise to the Holder's or its designee's balance account with DTC through its Deposit/Withdrawal at Custodian system, or (ii) if the Transfer Agent is not participating in the DTC Fast Automated Securities Transfer Program, upon the request of the Holder, issue and deliver (via reputable overnight courier) to the address as specified in the Exercise Notice, a certificate, registered in the name of the Holder or its designee, for the number of shares of Common Stock to which the Holder shall be entitled pursuant to such exercise. The Company shall be responsible for all fees and expenses of the Transfer Agent and all fees and expenses with respect to the issuance of Warrant Shares via DTC, if any, including without limitation for same day processing. Upon delivery of an Exercise Notice, the Holder shall be deemed for all corporate purposes to have become the holder of record of the Warrant Shares with respect to which this Warrant has been exercised, irrespective of the date such Warrant Shares are credited to the Holder's DTC account or the date of delivery of the certificates evidencing such Warrant Shares (as the case may be). If this Warrant is submitted in connection with any exercise pursuant to this Section 1(a) and the number of Warrant Shares represented by this Warrant submitted for exercise is greater than the number of Warrant Shares being acquired upon an exercise and upon surrender of this Warrant to the Company by the Holder, then, at the request of the Holder, the Company shall as soon as practicable and in no event later than two (2) Business Days after any exercise and at its own expense, issue and deliver to the Holder (or its designee) a new Warrant (in accordance with Section 7(d)) representing the right to purchase the number of Warrant Shares purchasable immediately prior to such exercise under this Warrant, less the number of Warrant Shares with respect to which this Warrant is exercised. No fractional shares of Common Stock are to be issued upon the exercise of this Warrant, but rather the number of shares of Common Stock to be issued shall be rounded up to the nearest whole number. The Company shall pay any and all transfer, stamp, issuance and similar taxes, costs and expenses (including, without limitation, fees and expenses of the Transfer Agent) that may be payable with respect to the issuance and delivery of Warrant Shares upon exercise of this Warrant. From the Issuance Date through and including the Expiration Date, the Company shall maintain a transfer agent that participates in the DTC's Fast Automated Securities Transfer Program. The Company's obligations to issue and deliver Warrant Shares in accordance with the terms and subject to the conditions hereof are absolute and unconditional, irrespective of any action or inaction by the Holder to enforce the same, any waiver or consent with respect to any provision hereof, the recovery of any judgment against any Person or any action to enforce the same, or any setoff, counterclaim, recoupment, limitation or termination; provided, however, that the Company shall not be required to deliver Warrant Shares with respect to an exercise prior to the Holder's delivery of the Aggregate Exercise Price (or notice of a Cashless Exercise) with respect to such exercise.

(b) Exercise Price. For purposes of this Warrant, "**Exercise Price**" means \$14.10, subject to adjustment as provided herein.

(c) Company's Failure to Timely Deliver Securities. If the Company shall fail, for any reason or for no reason, on or prior to the Share Delivery Deadline, either (I) if the Transfer Agent is not participating in the DTC Fast Automated Securities Transfer Program, to issue and deliver to the Holder (or its designee) a certificate for the number of Warrant Shares to which the Holder is entitled and register such Warrant Shares on the Company's share register or, if the Transfer Agent is participating in the DTC Fast Automated Securities Transfer Program, to credit the balance account of the Holder or the Holder's designee with DTC for such number of Warrant Shares to which the Holder is entitled upon the Holder's exercise of this Warrant (as the case may be) or (II) if the Registration Statement (or prospectus contained therein) covering the issuance of the Warrant Shares that are the subject of the Exercise Notice (the "**Unavailable Warrant Shares**") is not available for the issuance of such Unavailable Warrant Shares and the Company fails to promptly (x) so notify the Holder and (y) deliver the Warrant Shares electronically without any restrictive legend by crediting such aggregate number of Warrant Shares to which the Holder is entitled pursuant to such exercise to the Holder's or its designee's balance account with DTC through its Deposit/Withdrawal At Custodian system (the event described in the immediately foregoing clause (II) is hereinafter referred to as a "**Notice Failure**" and together with the event described in clause (I) above, a "**Delivery Failure**"), and if on or after such Share Delivery Deadline the Holder purchases (in an open market transaction or otherwise) shares of Common Stock to deliver in satisfaction of a sale by the Holder of all or any portion of the number of shares of Common Stock issuable upon such exercise that the Holder is entitled to receive from the Company (a "**Buy-In**"), then, in addition to all other remedies available to the Holder, the Company shall, within three (3) Business Days after the Holder's request and in the Holder's discretion, either (i) pay cash to the Holder in an amount equal to the Holder's total purchase price (including brokerage commissions and other out-of-pocket expenses, if any) for the shares of Common Stock so purchased (including, without limitation, by any other Person in respect, or on behalf, of

the Holder) (the “**Buy-In Price**”), at which point the Company’s obligation to so issue and deliver such certificate (and to issue such shares of Common Stock) or credit the balance account of such Holder or such Holder’s designee, as applicable, with DTC for the number of Warrant Shares to which the Holder is entitled upon the Holder’s exercise hereunder (as the case may be) (and to issue such Warrant Shares) shall terminate, or (ii) promptly honor its obligation to so issue and deliver to the Holder a certificate or certificates representing such Warrant Shares or credit the balance account of such Holder or such Holder’s designee, as applicable, with DTC for the number of Warrant Shares to which the Holder is entitled upon the Holder’s exercise hereunder (as the case may be) and pay cash to the Holder in an amount equal to the excess (if any) of the Buy-In Price over the product of (A) such number of Warrant Shares multiplied by (B) the lowest Closing Sale Price of the Common Stock on any Trading Day during the period commencing on the date of the applicable Exercise Notice and ending on the date of such issuance and payment under this clause (ii) (the “**Buy-In Payment Amount**”). Nothing shall limit the Holder’s right to pursue any other remedies available to it hereunder, at law or in equity, including, without limitation, a decree of specific performance and/or injunctive relief with respect to the Company’s failure to timely deliver certificates representing shares of Common Stock (or to electronically deliver such shares of Common Stock) upon the exercise of this Warrant as required pursuant to the terms hereof. Additionally, if the Company fails for any reason to deliver to the Holder the Warrant Shares subject to an Exercise Notice by the Share Delivery Deadline, the Company shall pay to the Holder, in cash, as liquidated damages and not as a penalty, for each \$1,000 of Warrant Shares subject to such exercise (based on the Weighted Average Price of the Common Stock on the date of the applicable Notice of Exercise), \$10 per Trading Day (increasing to \$20 per Trading Day on the fifth Trading Day after such liquidated damages begin to accrue) for each Trading Day after such Share Delivery Deadline until such Warrant Shares are delivered or Holder rescinds such exercise. In addition to the foregoing rights, (i) if the Company fails to deliver the applicable number of Warrant Shares upon an exercise pursuant to Section 1 by the applicable Share Delivery Date, then the Holder shall have the right to rescind such exercise in whole or in part and retain and/or have the Company return, as the case may be, any portion of this Warrant that has not been exercised pursuant to such Exercise Notice; provided that the rescission of an exercise shall not affect the Company’s obligation to make any payments that have accrued prior to the date of such notice pursuant to this Section 1(c) or otherwise, and (ii) if a registration statement (which may be the Registration Statement) covering the issuance or resale of the Warrant Shares that are subject to an Exercise Notice is not available for the issuance or resale, as applicable, of such Exercise Notice Warrant Shares and the Holder has submitted an Exercise Notice prior to receiving notice of the non-availability of such registration statement and the Company has not already delivered the Warrant Shares underlying such Exercise Notice electronically without any restrictive legend by crediting such aggregate number of Warrant Shares to which the Holder is entitled pursuant to such exercise to the Holder’s or its designee’s balance account with DTC through its Deposit / Withdrawal At Custodian system, the Holder shall have the option, by delivery of notice to the Company, to (x) rescind such Exercise Notice in whole or in part and retain or have returned, as the case may be, any portion of this Warrant that has not been exercised pursuant to such Exercise Notice; provided that the rescission of an Exercise Notice shall not affect the Company’s obligation to make any payments that have accrued prior to the date of such notice pursuant to this Section 1(c) or otherwise, and/or (y) switch some or all of such Exercise Notice from a cash exercise to a Cashless Exercise.

(d) **Cashless Exercise.** Notwithstanding anything contained herein to the contrary (other than Section 1f) below), if at the time of exercise hereof the Registration Statement is not effective (or the prospectus contained therein is not available for use) for the issuance of all of the Warrant Shares, then the Holder may only exercise this Warrant in whole or in part, at such time by means of a cashless exercise in which the Holder shall be entitled to receive upon such exercise the “Net Number” of Warrant Shares determined according to the following formula (a “**Cashless Exercise**”):

$$\text{Net Number} = \frac{(A \times B) - (A \times C)}{D}$$

For purposes of the foregoing formula:

A= the total number of shares with respect to which this Warrant is then being exercised.

B = the quotient of (x) the sum of the Weighted Average Price of the Common Stock of each of the three (3) Trading Days ending at the close of business on the Principal Market immediately prior to the time of exercise as set forth in the applicable Exercise Notice, divided by (y) three (3).

C = the Exercise Price then in effect for the applicable Warrant Shares at the time of such exercise.

D = as applicable: (i) the Closing Sale Price of the Common Stock on the Trading Day immediately preceding the date of the applicable Exercise Notice if such Exercise Notice is (1) both executed and delivered pursuant to Section 1(d) hereof on a day that is not a Trading Day or (2) both executed and delivered pursuant to Section 1(d) hereof on a Trading Day prior to the opening of "regular trading hours" (as defined in Rule 600(b)(68) of Regulation NMS promulgated under the federal securities laws) on such Trading Day, (ii) the Bid Price of the Common Stock as of the time of the Holder's execution of the applicable Exercise Notice if such Exercise Notice is executed during "regular trading hours" on a Trading Day and is delivered within two (2) hours thereafter pursuant to Section 1(d) hereof, or (iii) the Closing Sale Price of the Common Stock on the date of the applicable Exercise Notice if the date of such Exercise Notice is a Trading Day and such Exercise Notice is both executed and delivered pursuant to Section 1(d) hereof after the close of "regular trading hours" on such Trading Day.

If the Warrant Shares are issued in a Cashless Exercise, the parties acknowledge and agree that in accordance with Section 3(a)(9) of the 1933 Act, the Warrant Shares take on the registered characteristics of the Warrants being exercised. For purposes of Rule 144(d) promulgated under the 1933 Act, as in effect on the Issuance Date, it is intended that the Warrant Shares issued in a Cashless Exercise shall be deemed to have been acquired by the Holder, and the holding period for the Warrant Shares shall be deemed to have commenced, on the date this Warrant was originally issued pursuant to the Securities Purchase Agreement.

(e) Disputes. In the case of a dispute as to the determination of the Exercise Price or the arithmetic calculation of the number of Warrant Shares to be issued pursuant to the terms hereof, the Company shall promptly issue to the Holder the number of Warrant Shares that are not disputed and resolve such dispute in accordance with Section 13.

(f) Limitations on Exercises. The Company shall not effect the exercise of any portion of this Warrant, and the Holder shall not have the right to exercise any portion of this Warrant, pursuant to the terms and conditions of this Warrant and any such exercise shall be null and void and treated as if never made, to the extent that after giving effect to such exercise, the Holder together with the other Attribution Parties collectively would beneficially own in excess of 4.99% (the "**Maximum Percentage**") of the shares of Common Stock outstanding immediately after giving effect to such exercise. For purposes of the foregoing sentence, the aggregate number of shares of Common Stock beneficially owned by the Holder and the other Attribution Parties shall include the number of shares of Common Stock held by the Holder and all other Attribution Parties plus the number of shares of Common Stock issuable upon exercise of this Warrant with respect to which the determination of such sentence is being made, but shall exclude shares of Common Stock which would be issuable upon (A) exercise of the remaining, unexercised portion of this Warrant beneficially owned by the Holder or any of the other Attribution Parties and (B) exercise or conversion of the unexercised or unconverted portion of any other securities of the Company (including, without limitation, any convertible notes or convertible preferred stock or warrants, including other Registered Warrants) beneficially owned by the Holder or any other Attribution Party subject to a limitation on conversion or exercise analogous to the limitation contained in this Section 1(f)(i). For purposes of this Section 1(f)(i), beneficial ownership shall be calculated in accordance with Section 13(d) of the 1934 Act. For purposes of determining the number of outstanding shares of Common Stock the Holder may acquire upon the exercise of this Warrant without exceeding the Maximum Percentage, the Holder may rely on the number of outstanding shares of Common Stock as reflected in (x) the Company's most recent Annual Report on Form 10-K, Quarterly Report on Form 10-Q, Current Report on Form 8-K or other public filing with the SEC, as the case may be, (y) a more recent public announcement by the Company or (z) any other written notice by the Company or the Transfer Agent, if any, setting forth the number of shares of Common Stock outstanding (the "**Reported Outstanding Share Number**"). If the Company receives an Exercise Notice from the Holder at a time when the actual number of outstanding shares of Common Stock is less than the Reported Outstanding Share Number, the Company shall (i) notify the Holder in writing of the number of shares of Common Stock then outstanding and, to the extent that such Exercise Notice would otherwise cause the Holder's beneficial ownership, as determined pursuant to this Section 1(f)(i), to exceed the Maximum Percentage, the Holder must notify the Company of a reduced number of Warrant Shares to be acquired pursuant to such Exercise Notice (the number of shares by which such purchase is reduced, the "**Reduction**").

Shares”) and (ii) as soon as reasonably practicable, the Company shall return to the Holder any exercise price paid by the Holder for the Reduction Shares. For any reason at any time, upon the written or oral request of the Holder, the Company shall within one (1) Business Day confirm orally and in writing or by electronic mail to the Holder the number of shares of Common Stock then outstanding. In any case, the number of outstanding shares of Common Stock shall be determined after giving effect to the conversion or exercise of securities of the Company, including this Warrant, by the Holder and any other Attribution Party since the date as of which the Reported Outstanding Share Number was reported. In the event that the issuance of shares of Common Stock to the Holder upon exercise of this Warrant results in the Holder and the other Attribution Parties being deemed to beneficially own, in the aggregate, more than the Maximum Percentage of the number of outstanding shares of Common Stock (as determined under Section 13(d) of the 1934 Act), the number of shares so issued by which the Holder’s and the other Attribution Parties’ aggregate beneficial ownership exceeds the Maximum Percentage (the “**Excess Shares**”) shall be deemed null and void and shall be cancelled ab initio, and the Holder shall not have the power to vote or to transfer the Excess Shares. As soon as reasonably practicable after the issuance of the Excess Shares has been deemed null and void, the Company shall return to the Holder the exercise price paid by the Holder for the Excess Shares. Upon delivery of a written notice to the Company, the Holder may from time to time increase (with such increase not effective until the sixty-first (61st) day after delivery of such notice) or decrease the Maximum Percentage to any other percentage not in excess of 9.99% as specified in such notice; provided that (i) any such increase in the Maximum Percentage will not be effective until the sixty-first (61st) day after such notice is delivered to the Company and (ii) any such increase or decrease will apply only to the Holder and the other Attribution Parties and not to any other holder of Registered Warrants that is not an Attribution Party of the Holder. For purposes of clarity, the shares of Common Stock issuable pursuant to the terms of this Warrant in excess of the Maximum Percentage shall not be deemed to be beneficially owned by the Holder for any purpose including for purposes of Section 13(d) or Rule 16a-1(a)(1) of the 1934 Act. No prior inability to exercise this Warrant pursuant to this paragraph shall have any effect on the applicability of the provisions of this paragraph with respect to any subsequent determination of exercisability. The provisions of this paragraph shall be construed and implemented in a manner otherwise than in strict conformity with the terms of this Section 1(f)(i) to the extent necessary to correct this paragraph or any portion of this paragraph which may be defective or inconsistent with the intended beneficial ownership limitation contained in this Section 1(f)(i) or to make changes or supplements necessary or desirable to properly give effect to such limitation. The limitation contained in this paragraph may not be waived and shall apply to a successor holder of this Warrant.

(g) Reservation of Shares.

(i) Required Reserve Amount. So long as this Warrant remains outstanding, the Company shall at all times keep reserved for issuance under this Warrant a number of shares of Common Stock at least equal to 100% of the maximum number of shares of Common Stock as shall be necessary to satisfy the Company’s obligation to issue shares of Common Stock under the Registered Warrants then outstanding (without regard to any limitations on exercise) (the “**Required Reserve Amount**”); provided that at no time shall the number of shares of Common Stock reserved pursuant to this Section 1(g)(i) be reduced other than proportionally in connection with any exercise or redemption of Registered Warrants or such other event covered by Section 2(a) below. The Required Reserve Amount (including, without limitation, each increase in the number of shares so reserved) shall be allocated pro rata among the holders of the Registered Warrants based on number of shares of Common Stock issuable upon exercise of Registered Warrants held by each holder on the date of Closing (without regard to any limitations on exercise) or increase in the number of reserved shares, as the case may be (the “**Authorized Share Allocation**”). In the event that a holder shall sell or otherwise transfer any of such holder’s Registered Warrants, each transferee shall be allocated a pro rata portion of such holder’s Authorized Share Allocation. Any shares of Common Stock reserved and allocated to any Person which ceases to hold any Registered Warrants shall be allocated to the remaining holders of Registered Warrants, pro rata based on the number of shares of Common Stock issuable upon exercise of the Registered Warrants then held by such holders (without regard to any limitations on exercise).

(i i) Insufficient Authorized Shares. If, notwithstanding Section 1(g)(i) above, and not in limitation thereof, at any time while any of the Registered Warrants remain outstanding, the Company does not have a sufficient number of authorized and unreserved shares of Common Stock to satisfy its obligation to reserve the Required Reserve Amount (an “**Authorized Share Failure**”), then the Company shall

immediately take all action necessary to increase the Company's authorized shares of Common Stock to an amount sufficient to allow the Company to reserve the Required Reserve Amount for all the Registered Warrants then outstanding. Without limiting the generality of the foregoing sentence, as soon as practicable after the date of the occurrence of an Authorized Share Failure, but in no event later than sixty (60) days after the occurrence of such Authorized Share Failure, the Company shall hold a meeting of its stockholders for the approval of an increase in the number of authorized shares of Common Stock. In connection with such meeting, the Company shall provide each stockholder with a proxy statement and shall use its best efforts to solicit its stockholders' approval of such increase in authorized shares of Common Stock and to cause its board of directors to recommend to the stockholders that they approve such proposal. Notwithstanding the foregoing, if any such time of an Authorized Share Failure, the Company is able to obtain the written consent of a majority of the shares of its issued and outstanding shares of Common Stock to approve the increase in the number of authorized shares of Common Stock, the Company may satisfy this obligation by obtaining such consent and submitting for filing with the SEC an Information Statement on Schedule 14C.

2. ADJUSTMENT OF EXERCISE PRICE AND NUMBER OF WARRANT SHARES.

(a) Adjustment Upon Subdivision or Combination of Common Stock. The Exercise Price and number of Warrant Shares issuable upon exercise of this Warrant are subject to adjustment from time to time as set forth in this Section 2. If the Company, at any time on or after the Issuance Date, (i) pays a stock dividend on one or more classes of its then outstanding shares of Common Stock or otherwise makes a distribution on any class of capital stock that is payable in shares of Common Stock, (ii) subdivides (by any stock split, stock dividend, recapitalization or otherwise) one or more classes of its then outstanding shares of Common Stock into a larger number of shares or (iii) combines (by combination, reverse stock split or otherwise) one or more classes of its then outstanding shares of Common Stock into a smaller number of shares, then in each such case the Exercise Price shall be multiplied by a fraction of which the numerator shall be the number of shares of Common Stock outstanding immediately before such event and of which the denominator shall be the number of shares of Common Stock outstanding immediately after such event. Any adjustment made pursuant to clause (i) of this paragraph shall become effective immediately after the record date for the determination of stockholders entitled to receive such dividend or distribution, and any adjustment pursuant to clause (ii) or (iii) of this paragraph shall become effective immediately after the effective date of such subdivision or combination. If any event requiring an adjustment under this paragraph occurs during the period that an Exercise Price is calculated hereunder, then the calculation of such Exercise Price shall be adjusted appropriately to reflect such event.

(b) Number of Warrant Shares. Simultaneously with any adjustment to the Exercise Price pursuant to Section 2, the number of Warrant Shares that may be purchased upon exercise of this Warrant shall be increased or decreased proportionately, so that after such adjustment the aggregate Exercise Price payable hereunder for the adjusted number of Warrant Shares shall be the same as the aggregate Exercise Price in effect immediately prior to such adjustment (without regard to any limitations on exercise contained herein).

3 . RIGHTS UPON DISTRIBUTION OF ASSETS. In addition to any adjustments pursuant to Section 2 above, if, on or after the Issuance Date and on or prior to the Expiration Date, the Company shall declare or make any dividend or other distribution of its assets (or rights to acquire its assets) to holders of shares of Common Stock, by way of return of capital or otherwise (including, without limitation, any distribution of cash, stock or other securities, property, options, evidence of indebtedness or any other assets by way of a dividend, spin off, reclassification, corporate rearrangement, scheme of arrangement or other similar transaction) (a "**Distribution**"), at any time after the issuance of this Warrant, then, in each such case, the Holder shall be entitled to participate in such Distribution to the same extent that the Holder would have participated therein if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations or restrictions on exercise of this Warrant, including without limitation, the Maximum Percentage) immediately before the date of which a record is taken for such Distribution, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the participation in such Distribution (provided, however, that to the extent that the Holder's right to participate in any such Distribution would result in the Holder and the other Attribution Parties exceeding the Maximum Percentage, then the Holder shall not be entitled to participate in such Distribution to such extent (and shall not be entitled to beneficial ownership of such shares of Common Stock as a result of such Distribution (and beneficial ownership) to such extent) and the portion of such

Distribution shall be held in abeyance for the benefit of the Holder until such time or times as its right thereto would not result in the Holder and the other Attribution Parties exceeding the Maximum Percentage, at which time or times the Holder shall be granted such Distribution (and any Distributions declared or made on such initial Distribution or on any subsequent Distribution held similarly in abeyance) to the same extent as if there had been no such limitation).

4. PURCHASE RIGHTS; FUNDAMENTAL TRANSACTIONS.

(a) Purchase Rights. In addition to any adjustments pursuant to Section 2 above, if at any time on or after the Issuance Date and on or prior to the Expiration Date the Company grants, issues or sells any Options, Convertible Securities or rights to purchase stock, warrants, securities or other property pro rata to the record holders of any class of Common Stock (the "**Purchase Rights**"), then the Holder will be entitled to acquire, upon the terms applicable to such Purchase Rights, the aggregate Purchase Rights which the Holder could have acquired if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations or restrictions on exercise of this Warrant, including without limitation, the Maximum Percentage) immediately before the date on which a record is taken for the grant, issuance or sale of such Purchase Rights, or, if no such record is taken, the date as of which the record holders of Common Stock are to be determined for the grant, issuance or sale of such Purchase Rights (provided, however, that to the extent that the Holder's right to participate in any such Purchase Right would result in the Holder and the other Attribution Parties exceeding the Maximum Percentage, then the Holder shall not be entitled to participate in such Purchase Right to such extent (and shall not be entitled to beneficial ownership of such Common Stock as a result of such Purchase Right (and beneficial ownership) to such extent) and such Purchase Right to such extent shall be held in abeyance for the benefit of the Holder until such time or times as its right thereto would not result in the Holder and the other Attribution Parties exceeding the Maximum Percentage, at which time or times the Holder shall be granted such right (and any Purchase Right granted, issued or sold on such initial Purchase Right or on any subsequent Purchase Right to be held similarly in abeyance) to the same extent as if there had been no such limitation).

(b) Fundamental Transactions. The Company shall not enter into or be party to a Fundamental Transaction unless the Successor Entity assumes in writing, pursuant to written agreements in form and substance satisfactory to the Required Holders, all of the obligations of the Company under this Warrant and all other Transaction Documents in accordance with the provisions of this Section 4(b), including agreements to deliver to the Holder in exchange for this Warrant a security of the Successor Entity evidenced by a written instrument substantially similar in form and substance to this Warrant, but which is exercisable for a corresponding number of shares of capital stock equivalent to the shares of Common Stock issuable upon exercise of this Warrant (without regard to any limitations on the exercise of this Warrant) prior to such Fundamental Transaction, and with an exercise price which applies the exercise price hereunder to such shares of capital stock (taking into account the relative value of the shares of Common Stock pursuant to such Fundamental Transaction and the value of such shares of capital stock, such adjustments to the number of shares of capital stock and such exercise price being for the purpose of protecting the economic value of this Warrant immediately prior to the consummation of such Fundamental Transaction). Upon the consummation of each Fundamental Transaction, the Successor Entity shall succeed to, and be substituted for the Company (so that from and after the date of such Fundamental Transaction, each and every provision of this Warrant referring to the "Company" shall instead refer to the Successor Entity), and the Successor Entity may exercise every prior right and power of the Company and shall assume all prior obligations of the Company under this Warrant with the same effect as if the Successor Entity had been named as the Company in this Warrant. On or prior to the consummation of each Fundamental Transaction, the Successor Entity shall deliver to the Holder confirmation that there shall be issued upon exercise of this Warrant at any time after the consummation of the Fundamental Transaction, in lieu of the shares of Common Stock (or other securities, cash, assets or other property purchasable upon the exercise of this Warrant prior to such Fundamental Transaction), such shares of stock, securities, cash, assets or any other property whatsoever (including warrants or other purchase or subscription rights), which for purposes of clarification may continue to be shares of Common Stock, if any, that the Holder would have been entitled to receive upon the happening of such Fundamental Transaction or the record, eligibility or other determination date for the event resulting in such Fundamental Transaction, had this Warrant been exercised immediately prior to such Fundamental Transaction or the record, eligibility or other determination date for the event resulting in such Fundamental Transaction (without regard to any limitations on the exercise of this Warrant), as adjusted in accordance with the provisions of this Warrant. Notwithstanding the foregoing, and without limiting the provisions of Section 1(g) hereof, the Holder may elect, at its sole discretion, by delivery of

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written notice to the Company, to permit a Fundamental Transaction without the required assumption of this Warrant. In addition to and not in substitution for any other rights hereunder, prior to the consummation of any Fundamental Transaction pursuant to which holders of Common Stock are entitled to receive securities, cash, assets or other property with respect to or in exchange for Common Stock (a “**Corporate Event**”), the Company shall make appropriate provision to ensure that, and any applicable Successor Entity shall ensure that, the Holder will thereafter have the right to receive upon exercise of this Warrant at any time after the consummation of the Corporate Event, shares of Common Stock or capital stock of the Successor Entity or, if so elected by the Holder, in lieu of the shares of Common Stock (or other securities, cash, assets or other property) (except such items still issuable under Sections 3 and 4(a), which shall continue to be receivable thereafter) issuable upon exercise of this Warrant prior to such Corporate Event, such shares of stock, securities, cash, assets or any other property whatsoever (including warrants or other purchase or subscription rights) which the Holder would have been entitled to receive upon the consummation of such Corporate Event or the record, eligibility or other determination date for the event resulting in such Corporate Event, had this Warrant been exercised immediately prior to such Corporate Event or the record, eligibility or other determination date for the event resulting in such Corporate Event (without regard to any limitations on exercise of this Warrant). Provision made pursuant to the preceding sentence shall be in a form and substance reasonably satisfactory to the Holder. The provisions of this Section 4(b) shall apply similarly and equally to successive Fundamental Transactions and Corporate Events.

5. NONCIRCUMVENTION. The Company hereby covenants and agrees that the Company will not, by amendment of its Articles of Incorporation, as amended, bylaws or through any reorganization, transfer of assets, consolidation, merger, scheme of arrangement, dissolution, issuance or sale of securities, or any other voluntary action, avoid or seek to avoid the observance or performance of any of the terms of this Warrant, and will at all times in good faith carry out all the provisions of this Warrant and take all action as may be required to protect the rights of the Holder. Without limiting the generality of the foregoing, the Company (a) shall not increase the par value of any shares of Common Stock receivable upon the exercise of this Warrant above the Exercise Price then in effect, (b) shall take all such actions as may be necessary or appropriate in order that the Company may validly and legally issue fully paid and non-assessable shares of Common Stock upon the exercise of this Warrant and (c) shall, so long as any of the Warrants are outstanding, take all action necessary to reserve and keep available out of its authorized and unissued shares of Common Stock, solely for the purpose of effecting the exercise of the Warrants, the number of shares of Common Stock as shall from time to time be necessary to effect the exercise of the Warrants then outstanding (without regard to any limitations on exercise). Notwithstanding anything herein to the contrary, if after the sixty (60) calendar day anniversary of the Issuance Date, the Holder is not permitted to exercise this Warrant in full for any reason (other than pursuant to restrictions set forth in Section 1(f) below), the Company shall use its reasonable best efforts to promptly remedy such failure, including, without limitation, obtaining such consents or approvals as necessary to permit such exercise into shares of Common Stock

6. WARRANT HOLDER NOT DEEMED A STOCKHOLDER. Except as otherwise specifically provided herein, the Holder, solely in its capacity as a holder of this Warrant, shall not be entitled to vote or receive dividends or be deemed the holder of share capital of the Company for any purpose, nor shall anything contained in this Warrant be construed to confer upon the Holder, solely in its capacity as the Holder of this Warrant, any of the rights of a stockholder of the Company or any right to vote, give or withhold consent to any corporate action (whether any reorganization, issue of stock, reclassification of stock, consolidation, merger, conveyance or otherwise), receive notice of meetings, receive dividends or subscription rights, or otherwise, prior to the issuance to the Holder of the Warrant Shares which it is then entitled to receive upon the due exercise of this Warrant. In addition, nothing contained in this Warrant shall be construed as imposing any liabilities on the Holder to purchase any securities (upon exercise of this Warrant or otherwise) or as a stockholder of the Company, whether such liabilities are asserted by the Company or by creditors of the Company. Notwithstanding this Section 6, the Company shall provide the Holder with copies of the same notices and other information given to the stockholders of the Company generally, contemporaneously with the giving thereof to the stockholders.

7. REISSUANCE OF WARRANTS.

(a) Transfer of Warrant. If this Warrant is to be transferred, the Holder shall surrender this Warrant to the Company, whereupon the Company will forthwith issue and deliver upon the order of the Holder a new Warrant (in accordance with Section 7(d)), registered as the Holder may request, representing the right to purchase the number of Warrant Shares being transferred by the Holder and, if less than the total number of Warrant Shares then

underlying this Warrant is being transferred, a new Warrant (in accordance with Section 7(d)) to the Holder representing the right to purchase the number of Warrant Shares not being transferred.

(b) Lost, Stolen or Mutilated Warrant. Upon receipt by the Company of evidence reasonably satisfactory to the Company of the loss, theft, destruction or mutilation of this Warrant (as to which a written certification and the indemnification contemplated below shall suffice as such evidence), and, in the case of loss, theft or destruction, of any indemnification undertaken by the Holder to the Company in customary and reasonable form (but without the obligation to post a bond) and, in the case of mutilation, upon surrender and cancellation of this Warrant, the Company shall execute and deliver to the Holder a new Warrant (in accordance with Section 7(d)) representing the right to purchase the Warrant Shares then underlying this Warrant.

(c) Exchangeable for Multiple Warrants. This Warrant is exchangeable, upon the surrender hereof by the Holder at the principal office of the Company, for a new Warrant or Warrants (in accordance with Section 7(d)) representing in the aggregate the right to purchase the number of Warrant Shares then underlying this Warrant, and each such new Warrant will represent the right to purchase such portion of such Warrant Shares as is designated by the Holder at the time of such surrender; provided, however, no warrants for fractional shares of Common Stock shall be given.

(d) Issuance of New Warrants. Whenever the Company is required to issue a new Warrant pursuant to the terms of this Warrant, such new Warrant (i) shall be of like tenor with this Warrant, (ii) shall represent, as indicated on the face of such new Warrant, the right to purchase the Warrant Shares then underlying this Warrant (or in the case of a new Warrant being issued pursuant to Section 7(a) or Section 7(c), the Warrant Shares designated by the Holder which, when added to the number of shares of Common Stock underlying the other new Warrants issued in connection with such issuance, does not exceed the number of Warrant Shares then underlying this Warrant), (iii) shall have an issuance date, as indicated on the face of such new Warrant which is the same as the Issuance Date, and (iv) shall have the same rights and conditions as this Warrant.

8 . NOTICES. Whenever notice is required to be given under this Warrant as provided herein. The Company shall provide the Holder with prompt written notice of all actions taken pursuant to this Warrant (other than the issuance of shares of Common Stock upon exercise in accordance with the terms hereof), including in reasonable detail a description of such action and the reason therefor. Without limiting the generality of the foregoing, the Company will give written notice to the Holder (i) immediately upon each adjustment of the Exercise Price and the number of Warrant Shares, setting forth in reasonable detail, and certifying, the calculation of such adjustment(s) and (ii) at least ten Trading Days prior to the date on which the Company closes its books or takes a record (A) with respect to any dividend or distribution upon the shares of Common Stock, (B) with respect to any grants, issuances or sales of any Options, Convertible Securities or rights to purchase stock, warrants, securities or other property to holders of shares of Common Stock or (C) for determining rights to vote with respect to any Fundamental Transaction, dissolution or liquidation; provided in each case that such information shall be made known to the public prior to or in conjunction with such notice being provided to the Holder. It is expressly understood and agreed that the time of exercise specified by the Holder in each Exercise Notice shall be definitive and may not be disputed or challenged by the Company.

9. AMENDMENT AND WAIVER. Except as otherwise provided herein, the provisions of this Warrant (other than Section 1(f)) may be amended and the Company may take any action herein prohibited, or omit to perform any act herein required to be performed by it, only if the Company has obtained the written consent of the Holder. No waiver shall be effective unless it is in writing and signed by an authorized representative of the waiving party.

10. SEVERABILITY. If any provision of this Warrant is prohibited by law or otherwise determined to be invalid or unenforceable by a court of competent jurisdiction, the provision that would otherwise be prohibited, invalid or unenforceable shall be deemed amended to apply to the broadest extent that it would be valid and enforceable, and the invalidity or unenforceability of such provision shall not affect the validity of the remaining provisions of this Warrant so long as this Warrant as so modified continues to express, without material change, the original intentions of the parties as to the subject matter hereof and the prohibited nature, invalidity or unenforceability of the provision(s) in question does not substantially impair the respective expectations or reciprocal obligations of the parties or the practical realization of the benefits that would otherwise be conferred upon the parties. The parties will endeavor in good faith negotiations to replace the prohibited, invalid or

unenforceable provision(s) with a valid provision(s), the effect of which comes as close as possible to that of the prohibited, invalid or unenforceable provision(s).

11. **GOVERNING LAW.** This Warrant shall be governed by and construed and enforced in accordance with, and all questions concerning the construction, validity, interpretation and performance of this Warrant shall be governed by, the internal laws of the State of New York, without giving effect to any choice of law or conflict of law provision or rule (whether of the State of New York or any other jurisdictions) that would cause the application of the laws of any jurisdictions other than the State of New York. The Company hereby irrevocably waives personal service of process and consents to process being served in any such suit, action or proceeding by mailing a copy thereof to the Company at the address set forth on the signature page to the Securities Purchase Agreement and agrees that such service shall constitute good and sufficient service of process and notice thereof. The Company hereby irrevocably submits to the exclusive jurisdiction of the state and federal courts sitting in The City of New York, Borough of Manhattan, for the adjudication of any dispute hereunder or in connection herewith or with any transaction contemplated hereby or discussed herein, and hereby irrevocably waives, and agrees not to assert in any suit, action or proceeding, any claim that it is not personally subject to the jurisdiction of any such court, that such suit, action or proceeding is brought in an inconvenient forum or that the venue of such suit, action or proceeding is improper. Nothing contained herein shall be deemed to limit in any way any right to serve process in any manner permitted by law. Nothing contained herein shall be deemed to operate to preclude the Holder from bringing suit or taking other legal action against the Company in any other jurisdiction to collect on the Company's obligations to the Holder, to realize on any collateral or any other security for such obligations, or to enforce a judgment or other court ruling in favor of the Holder. **THE COMPANY HEREBY IRREVOCABLY WAIVES ANY RIGHT IT MAY HAVE TO, AND AGREES NOT TO REQUEST, A JURY TRIAL FOR THE ADJUDICATION OF ANY DISPUTE HEREUNDER OR IN CONNECTION WITH OR ARISING OUT OF THIS WARRANT OR ANY TRANSACTION CONTEMPLATED HEREBY.**

12. **CONSTRUCTION; HEADINGS.** This Warrant shall be deemed to be jointly drafted by the Company and the Holder and shall not be construed against any Person as the drafter hereof. The headings of this Warrant are for convenience of reference and shall not form part of, or affect the interpretation of, this Warrant. Terms used in this Warrant but defined in the other Transaction Documents shall have the meanings ascribed to such terms on the date of Closing (as defined in the Securities Purchase Agreement) in such other Transaction Documents unless otherwise consented to in writing by the Holder.

13. **DISPUTE RESOLUTION.**

(a) **Submission to Dispute Resolution.**

(i) In the case of a dispute relating to the Exercise Price, the Closing Sale Price, or fair market value or the arithmetic calculation of the number of Warrant Shares (as the case may be) (including, without limitation, a dispute relating to the determination of any of the foregoing), the Company or the Holder (as the case may be) shall submit the dispute to the other party via facsimile or email (A) if by the Company, within two (2) Business Days after the occurrence of the circumstances giving rise to such dispute or (B) if by the Holder, within ten (10) Trading Days after the Holder learns of the circumstances giving rise to such dispute (or, if the Holder thereafter learns new information with respect to such circumstances, within ten (10) Trading Days after the Holder learns of such new information). If the Holder and the Company are unable to promptly resolve such dispute relating to such Exercise Price, such Closing Sale Price, or such fair market value or such arithmetic calculation of the number of Warrant Shares (as the case may be), at any time after the second (2nd) Business Day following such initial notice by the Company or the Holder (as the case may be) of such dispute to the Company or the Holder (as the case may be), then the Holder and the Company shall mutually agree upon, and select, an independent, reputable investment bank to resolve such dispute at the expense of the Company.

(ii) The Holder and the Company shall each deliver to such investment bank (A) a copy of the initial dispute submission so delivered in accordance with the first sentence of this Section 13 and (B) written documentation supporting its position with respect to such dispute, in each case, no later than 5:00 p.m. (New York time) by the fifth (5th) Business Day immediately following the date on which the investment bank was selected by the parties hereto (the **Dispute Submission Deadline**) (the documents

referred to in the immediately preceding clauses (A) and (B) are collectively referred to herein as the **Required Dispute Documentation**) (it being understood and agreed that if either the Holder or the Company fails to so deliver all of the Required Dispute Documentation by the Dispute Submission Deadline, then the party who fails to so submit all of the Required Dispute Documentation shall no longer be entitled to (and hereby waives its right to) deliver or submit any written documentation or other support to such investment bank with respect to such dispute and such investment bank shall resolve such dispute based solely on the Required Dispute Documentation that was delivered to such investment bank prior to the Dispute Submission Deadline). Unless otherwise agreed to in writing by both the Company and the Holder or otherwise requested by such investment bank, neither the Company nor the Holder shall be entitled to deliver or submit any written documentation or other support to such investment bank in connection with such dispute (other than the Required Dispute Documentation).

(iii) The Company and the Holder shall cause such investment bank to determine the resolution of such dispute and notify the Company and the Holder of such resolution no later than ten (10) Business Days immediately following the Dispute Submission Deadline. The fees and expenses of such investment bank shall be paid 50/50 by the Company and the Holder.

(b) Miscellaneous. The Company expressly acknowledges and agrees that (i) this Section 13 constitutes an agreement to arbitrate between the Company and the Holder (and constitutes an arbitration agreement) under the rules then in effect under § 7501, et seq. of the New York Civil Practice Law and Rules (“**CPLR**”) and that the Holder is authorized to apply for an order to compel arbitration pursuant to CPLR § 7503(a) in order to compel compliance with this Section 13, (ii) the terms of this Warrant and each other applicable Transaction Document shall serve as the basis for the selected investment bank’s resolution of the applicable dispute, such investment bank shall be entitled (and is hereby expressly authorized) to make all findings, determinations and the like that such investment bank determines are required to be made by such investment bank in connection with its resolution of such dispute and in resolving such dispute such investment bank shall apply such findings, determinations and the like to the terms of this Warrant and any other applicable Transaction Documents, (iii) either the Company or the Holder shall have the right to submit any dispute described in this Section 13 to any state or federal court sitting in The City of New York, Borough of Manhattan in lieu of utilizing the procedures set forth in this Section 13 and (iv) nothing in this Section 13 shall limit the Holder from obtaining any injunctive relief or other equitable remedies (including, without limitation, with respect to any matters described in this Section 13).

14. REMEDIES, CHARACTERIZATION, OTHER OBLIGATIONS, BREACHES AND INJUNCTIVE RELIEF. The remedies provided in this Warrant shall be cumulative and in addition to all other remedies available under this Warrant and the other Transaction Documents, at law or in equity (including a decree of specific performance and/or other injunctive relief), and nothing herein shall limit the right of the Holder to pursue actual and consequential damages for any failure by the Company to comply with the terms of this Warrant. The Company covenants to the Holder that there shall be no characterization concerning this instrument other than as expressly provided herein. Amounts set forth or provided for herein with respect to payments, exercises and the like (and the computation thereof) shall be the amounts to be received by the Holder and shall not, except as expressly provided herein, be subject to any other obligation of the Company (or the performance thereof). The Company acknowledges that a breach by it of its obligations hereunder will cause irreparable harm to the Holder and that the remedy at law for any such breach may be inadequate. The Company therefore agrees that, in the event of any such breach or threatened breach, the holder of this Warrant shall be entitled, in addition to all other available remedies, to specific performance and/or temporary, preliminary and permanent injunctive or other equitable relief from any court of competent jurisdiction in any such case without the necessity of proving actual damages and without posting a bond or other security. The Company shall provide all information and documentation to the Holder that is requested by the Holder to enable the Holder to confirm the Company’s compliance with the terms and conditions of this Warrant (including, without limitation, compliance with Section 1(g)(ii) hereof). The issuance of shares and certificates for shares as contemplated hereby upon the exercise of this Warrant shall be made without charge to the Holder or such shares for any issuance tax or other costs in respect thereof, provided that the Company shall not be required to pay any tax which may be payable in respect of any transfer involved in the issuance and delivery of any certificate in a name other than the Holder or its agent on its behalf.

15. PAYMENT OF COLLECTION, ENFORCEMENT AND OTHER COSTS. If (a) this Warrant is placed in the hands of an attorney for collection or enforcement or is collected or enforced through any legal proceeding or the

holder otherwise takes action to collect amounts due under this Warrant or to enforce the provisions of this Warrant or (b) there occurs any bankruptcy, reorganization, receivership of the company or other proceedings affecting company creditors' rights and involving a claim under this Warrant, then the Company shall pay the costs incurred by the Holder for such collection, enforcement or action or in connection with such bankruptcy, reorganization, receivership or other proceeding, including, without limitation, attorneys' fees and disbursements.

16. TRANSFER. This Warrant may be offered for sale, sold, transferred or assigned without the consent of the Company.

17. DISCLOSURE. Upon receipt or delivery by the Company of any notice in accordance with the terms of this Warrant, unless the Company has in good faith determined that the matters relating to such notice do not constitute material, nonpublic information relating to the Company or its subsidiaries, the Company shall contemporaneously with any such receipt or delivery publicly disclose such material, nonpublic information on a Current Report on Form 8-K or otherwise. In the event that the Company believes that a notice contains material, nonpublic information relating to the Company or its subsidiaries, the Company so shall indicate to such Holder contemporaneously with delivery of such notice, and in the absence of any such indication, the Holder shall be allowed to presume that all matters relating to such notice do not constitute material, nonpublic information relating to the Company or its subsidiaries.

18. NOTICES. Whenever notice is required to be given under this Warrant, unless otherwise provided herein, such notice shall be given in writing, (i) if delivered (a) from within the domestic United States, by first-class registered or certified airmail, or nationally recognized overnight express courier, postage prepaid, electronic mail or by facsimile or (b) from outside the United States, by International Federal Express, electronic mail or facsimile, and (ii) will be deemed given (A) if delivered by first-class registered or certified mail domestic, three (3) Business Days after so mailed, (B) if delivered by nationally recognized overnight carrier, one (1) Business Day after so mailed, (C) if delivered by International Federal Express, two (2) Business Days after so mailed and (D) if delivered by electronic mail, when sent and (E) if delivered by facsimile, when sent (provided that confirmation of transmission is generated and kept by the sending party), and will be delivered and addressed as follows:

(i) if to the Company, to:

Greenlane Holdings, Inc.
1095 Broken Sound Parkway, Suite 300
Boca Raton, FL 33487
Attention: William Mote; Douglas Fischer
Email: bmote@greenlane.com; dfischer@greenlane.com

With a copy to:

Morrison & Foerster, LLP
2100 L Street, NW
Washington, D.C. 20037
Attention: Justin R. Salon
Email: JustinSalon@mof.com

(ii) if to the Holder, at such address or other contact information delivered by the Holder to Company or as is on the books and records of the Company.

19. The Company shall provide the Holder with prompt written notice of all actions taken pursuant to this Warrant, including in reasonable detail a description of such action and the reason therefor. Without limiting the generality of the foregoing, the Company will give written notice to the Holder (i) immediately upon any adjustment of the Exercise Price, setting forth in reasonable detail, and certifying, the calculation of such adjustment and (ii) at least fifteen (15) days prior to the date on which the Company closes its books or takes a record (A) with respect to any dividend or distribution upon the shares of Common Stock, or (B) with respect to any grants, issuances or sales of any Options, Convertible Securities or rights to purchase stock, warrants, securities or other property to holders of shares of Common Stock or (C) for determining rights to vote with respect to any Fundamental Transaction,

dissolution or liquidation; provided in each case that such information shall be made known to the public prior to or in conjunction with such notice being provided to the Holder. It is expressly understood and agreed that the time of exercise specified by the Holder in each Exercise Notice shall be definitive and may not be disputed or challenged by the Company.

20. CERTAIN DEFINITIONS.

For purposes of this Warrant, the following terms shall have the following meanings:

(a) “**1933 Act**” means the Securities Act of 1933, as amended, and the rules and regulations thereunder.

(b) “**1934 Act**” means the Securities Exchange Act of 1934, as amended, and the rules and regulations thereunder.

(c) “**Affiliate**” means, with respect to any Person, any other Person that directly or indirectly controls, is controlled by, or is under common control with, such Person, it being understood for purposes of this definition that “control” of a Person means the power directly or indirectly either to vote 10% or more of the stock having ordinary voting power for the election of directors of such Person or direct or cause the direction of the management and policies of such Person whether by contract or otherwise.

(d) “**Attribution Parties**” means, collectively, the following Persons and entities: (i) any investment vehicle, including, any funds, feeder funds or managed accounts, currently, or from time to time after the Issuance Date, directly or indirectly managed or advised by the Holder’s investment manager or any of its Affiliates or principals, (ii) any direct or indirect Affiliates of the Holder or any of the foregoing, (iii) any Person acting or who could be deemed to be acting as a Group together with the Holder or any of the foregoing and (iv) any other Persons whose beneficial ownership of the Company’s Common Stock would or could be aggregated with the Holder’s and the other Attribution Parties for purposes of Section 13(d) of the 1934 Act. For clarity, the purpose of the foregoing is to subject collectively the Holder and all other Attribution Parties to the Maximum Percentage

(e) “**Bid Price**” means, for any security as of the particular time of determination, the bid price for such security on the Principal Market as reported by Bloomberg as of such time of determination, or, if the Principal Market is not the principal securities exchange or trading market for such security, the bid price of such security on the principal securities exchange or trading market where such security is listed or traded as reported by Bloomberg as of such time of determination, or if the foregoing does not apply, the bid price of such security in the over-the-counter market on the electronic bulletin board for such security as reported by Bloomberg as of such time of determination, or, if no bid price is reported for such security by Bloomberg as of such time of determination, the average of the bid prices of any market makers for such security as reported in the “pink sheets” by OTC Markets Group Inc. (formerly Pink Sheets LLC) as of such time of determination. If the Bid Price cannot be calculated for a security as of the particular time of determination on any of the foregoing bases, the Bid Price of such security as of such time of determination shall be the fair market value as mutually determined by the Company and the Holder. If the Company and the Holder are unable to agree upon the fair market value of such security, then such dispute shall be resolved in accordance with the procedures in Section 13. All such determinations shall be appropriately adjusted for any stock dividend, stock split, stock combination or other similar transaction during such period.

(f) “**Bloomberg**” means Bloomberg Financial Markets, L.P.

(g) “**Business Day**” means any day other than Saturday, Sunday or other day on which commercial banks in The City of New York are authorized or required by law to remain closed.

(h) “**Closing Bid Price**” and “**Closing Sale Price**” means, for any security as of any date, the last closing bid price and last closing trade price, respectively, for such security on the Principal Market, as reported by Bloomberg, or, if the Principal Market begins to operate on an extended hours basis and does not designate the closing bid price or the closing trade price, as the case may be, then the last bid price or the last trade price, respectively, of such security prior to 4:00:00 p.m., New York time, as reported by Bloomberg, or, if the Principal Market is not the principal securities exchange or trading market for such security, the last closing bid price or last

trade price, respectively, of such security on the principal securities exchange or trading market where such security is listed or traded as reported by Bloomberg, or if the foregoing do not apply, the last closing bid price or last trade price, respectively, of such security in the over-the-counter market on the electronic bulletin board for such security as reported by Bloomberg, or, if no closing bid price or last trade price, respectively, is reported for such security by Bloomberg, the average of the bid prices, or the ask prices, respectively, of any market makers for such security as reported in the OTC Link or “pink sheets” by OTC Markets Group Inc. (formerly Pink OTC Markets Inc.). If the Closing Bid Price or the Closing Sale Price cannot be calculated for a security on a particular date on any of the foregoing bases, the Closing Bid Price or the Closing Sale Price, as the case may be, of such security on such date shall be the fair market value as mutually determined by the Company and the Holder. If the Company and the Holder are unable to agree upon the fair market value of such security, then such dispute shall be resolved pursuant to Section 13. All such determinations to be appropriately adjusted for any stock dividend, stock split, stock combination, reclassification or other similar transaction during the applicable calculation period.

(i) “**Common Stock**” means (i) the Company’s shares of Class A common stock, \$0.01 par value per share, and (ii) any capital stock into which such common stock shall have been changed or any share capital resulting from a reclassification of such common stock.

(j) “**Convertible Securities**” means any stock or other security (other than Options) that is at any time and under any circumstances, directly or indirectly, convertible into, exercisable or exchangeable for, or which otherwise entitles the holder thereof to acquire, any shares of Common Stock.

(k) “**Eligible Market**” means The NASDAQ Capital Market, the NYSE American, The NASDAQ Global Select Market, The NASDAQ Global Market or The New York Stock Exchange, Inc.

(l) “**Expiration Date**” means the date that is the fifth (5th) anniversary of the issuance date of the Prior Warrant or, if such date falls on a day other than a Trading Day or on which trading does not take place on the Principal Market (a “**Holiday**”), the next date that is not a Holiday.

(m) “**Fundamental Transaction**” means (A) that the Company shall, directly or indirectly, including through subsidiaries, Affiliates or otherwise, in one or more related transactions, (i) consolidate or merge with or into (whether or not the Company is the surviving corporation) another Subject Entity, or (ii) sell, assign, transfer, convey or otherwise dispose of all or substantially all of the properties or assets of the Company or any of its “significant subsidiaries” (as defined in Rule 1-02 of Regulation S-X) to one or more Subject Entities, or (iii) make, or allow one or more Subject Entities to make, or allow the Company to be subject to or have its shares of Common Stock be subject to or party to one or more Subject Entities making, a purchase, tender or exchange offer that is accepted by the holders of at least either (x) 50% of the outstanding shares of Common Stock, (y) 50% of the outstanding shares of Common Stock calculated as if any shares of Common Stock held by all Subject Entities making or party to, or Affiliated with any Subject Entities making or party to, such purchase, tender or exchange offer were not outstanding; or (z) such number of shares of Common Stock such that all Subject Entities making or party to, or Affiliated with any Subject Entity making or party to, such purchase, tender or exchange offer, become collectively the beneficial owners (as defined in Rule 13d-3 under the 1934 Act) of at least 50% of the outstanding shares of Common Stock, or (iv) consummate a stock purchase agreement or other business combination (including, without limitation, a reorganization, recapitalization, spin-off or scheme of arrangement) with one or more Subject Entities whereby all such Subject Entities, individually or in the aggregate, acquire, either (x) at least 50% of the outstanding shares of Common Stock, (y) at least 50% of the outstanding shares of Common Stock calculated as if any shares of Common Stock held by all the Subject Entities making or party to, or Affiliated with any Subject Entity making or party to, such stock purchase agreement or other business combination were not outstanding; or (z) such number of shares of Common Stock such that the Subject Entities become collectively the beneficial owners (as defined in Rule 13d-3 under the 1934 Act) of at least 50% of the outstanding shares of Common Stock, or (v) reorganize, recapitalize or reclassify its shares of Common Stock, (B) that the Company shall, directly or indirectly, including through subsidiaries, Affiliates or otherwise, in one or more related transactions, allow any Subject Entity individually or the Subject Entities in the aggregate to be or become the “beneficial owner” (as defined in Rule 13d-3 under the 1934 Act), directly or indirectly, whether through acquisition, purchase, assignment, conveyance, tender, tender offer, exchange, reduction in outstanding shares of Common Stock, merger, consolidation, business combination, reorganization, recapitalization, spin-off, scheme of arrangement, reorganization, recapitalization or reclassification or otherwise in any manner whatsoever, of either (x) at least 50% of the aggregate ordinary voting

power represented by issued and outstanding shares of Common Stock, (y) at least 50% of the aggregate ordinary voting power represented by issued and outstanding shares of Common Stock not held by all such Subject Entities as of the Issuance Date calculated as if any shares of Common Stock held by all such Subject Entities were not outstanding, or (z) a percentage of the aggregate ordinary voting power represented by issued and outstanding shares of Common Stock or other equity securities of the Company sufficient to allow such Subject Entities to effect a statutory short form merger or other transaction requiring other stockholders of the Company to surrender their Common Stock without approval of the stockholders of the Company or (C) directly or indirectly, including through subsidiaries, Affiliates or otherwise, in one or more related transactions, the issuance of or the entering into any other instrument or transaction structured in a manner to circumvent, or that circumvents, the intent of this definition in which case this definition shall be construed and implemented in a manner otherwise than in strict conformity with the terms of this definition to the extent necessary to correct this definition or any portion of this definition which may be defective or inconsistent with the intended treatment of such instrument or transaction.

(n) “**Group**” means a “group” as that term is used in Section 13(d) of the 1934 Act and as defined in Rule 13d-5 thereunder.

(o) “**Options**” means any rights, warrants or options to subscribe for or purchase shares of Common Stock or Convertible Securities.

(p) “**Parent Entity**” of a Person means an entity that, directly or indirectly, controls the applicable Person, including such entity whose common stock or equivalent equity security is quoted or listed on an Eligible Market (or, if so elected by the Holder, any other market, exchange or quotation system), or, if there is more than one such Person or such entity, the Person or such entity designated by the Holder or in the absence of such designation, such Person or entity with the largest public market capitalization as of the date of consummation of the Fundamental Transaction.

(q) “**Person**” means an individual, a limited liability company, a partnership, a joint venture, a corporation, a trust, an unincorporated organization, any other entity or a government or any department or agency thereof.

(r) “**Principal Market**” means the NASDAQ Global Market.

(s) “**Required Holders**” means the Holders of this Warrant representing at least a majority of shares of Common Stock underlying this Warrant then outstanding.

(t) “**SEC**” means the United States Securities and Exchange Commission or the successor thereto.

(u) “**Subject Entity**” means any Person, Persons or Group or any Affiliate or associate of any such Person, Persons or Group.

(v) “**Successor Entity**” means one or more Person or Persons (or, if so elected by the Holder, the Company or Parent Entity) formed by, resulting from or surviving any Fundamental Transaction or one or more Person or Persons (or, if so elected by the Holder, the Company or the Parent Entity) with which such Fundamental Transaction shall have been entered into.

(w) “**Trading Day**” means, as applicable, (x) with respect to all price or trading volume determinations relating to the Common Stock, any day on which the Common Stock is traded on the Principal Market, or, if the Principal Market is not the principal trading market for the Common Stock, then on the principal securities exchange or securities market on which the Common Stock is then traded, provided that “Trading Day” shall not include any day on which the Common Stock is scheduled to trade on such exchange or market for less than 4.5 hours or any day that the Common Stock is suspended from trading during the final hour of trading on such exchange or market (or if such exchange or market does not designate in advance the closing time of trading on such exchange or market, then during the hour ending at 4:00:00 p.m., New York time) or (y) with respect to all determinations other than price determinations relating to the Common Stock, any day on which The New York Stock Exchange (or any successor thereto) is open for trading of securities.

(x) **“Transaction Documents”** means any agreement entered into by and between the Company and the Holder, as applicable.

(y) **“Weighted Average Price”** means, for any security as of any date, the dollar volume-weighted average price for such security on the Principal Market during the period beginning at 9:30:01 a.m., New York time (or such other time as the Principal Market publicly announces is the official open of trading), and ending at 4:00:00 p.m., New York time (or such other time as the Principal Market publicly announces is the official close of trading), as reported by Bloomberg through its “Volume at Price” function or, if the foregoing does not apply, the dollar volume-weighted average price of such security in the over-the-counter market on the electronic bulletin board for such security during the period beginning at 9:30:01 a.m., New York time (or such other time as such market publicly announces is the official open of trading), and ending at 4:00:00 p.m., New York time (or such other time as such market publicly announces is the official close of trading), as reported by Bloomberg, or, if no dollar volume-weighted average price is reported for such security by Bloomberg for such hours, the average of the highest Closing Bid Price and the lowest closing ask price of any of the market makers for such security as reported in the OTC Link or “pink sheets” by OTC Markets Group Inc. (formerly Pink OTC Markets Inc.). If the Weighted Average Price cannot be calculated for a security on a particular date on any of the foregoing bases, the Weighted Average Price of such security on such date shall be the fair market value as mutually determined by the Company and the Holder. If the Company and the Holder are unable to agree upon the fair market value of such security, then such dispute shall be resolved pursuant to Section 13 with the term “Weighted Average Price” being substituted for the term “Exercise Price.” All such determinations shall be appropriately adjusted for any stock dividend, stock split, stock combination, reclassification or other similar transaction during the applicable calculation period.

[signature page follows]

IN WITNESS WHEREOF, the Company has caused this Warrant to Purchase Common Stock to be duly executed as of the Issuance Date set out above.

GREENLANE HOLDINGS, INC.

By: _____
Name:
Title:

EXHIBIT A

EXERCISE NOTICE

TO BE EXECUTED BY THE REGISTERED HOLDER TO EXERCISE THIS
WARRANT TO PURCHASE COMMON STOCK

GREENLANE HOLDINGS, INC.

The undersigned holder hereby elects to exercise the Warrant to Purchase Common Stock No. _____ (the "**Warrant**") of Greenlane Holdings, Inc., a Delaware corporation (the "**Company**") as specified below. Capitalized terms used herein and not otherwise defined shall have the respective meanings set forth in the Warrant.

1. Form of Exercise Price. The Holder intends that payment of the Aggregate Exercise Price shall be made as:

_____ a "Cash Exercise" with respect to _____ Warrant Shares; and/or

_____ a "Cashless Exercise" with respect to _____ Warrant Shares.

2. Payment of Exercise Price. In the event that the Holder has elected a Cash Exercise with respect to some or all of the Warrant Shares to be issued pursuant hereto, the Holder shall pay the Aggregate Exercise Price in the sum of \$ _____ to the Company in accordance with the terms of the Warrant.

3. Delivery of Warrant Shares. The Company shall deliver to Holder, or its designee or agent as specified below, _____ shares of Common Stock in accordance with the terms of the Warrant. Delivery shall be made to Holder, or for its benefit, as follows:

Check here if requesting delivery as a certificate to the following name and to the following address:

Issue to:

Check here if requesting delivery by Deposit/Withdrawal at Custodian as follows:

DTC Participant:

DTC Number:

Account Number:

Date: _____, _____

Name of Registered Holder

By:

Name:

Title:

Tax ID: _____

Facsimile: _____

E-mail Address: _____

EXHIBIT B

ACKNOWLEDGMENT

The Company hereby acknowledges this Exercise Notice and hereby directs Equiniti Trust Company, as transfer agent, to issue the above indicated number of shares of Common Stock on or prior to the applicable Share Delivery Date.

GREENLANE HOLDINGS, INC.

By:

Name:

Title:

GREENLANE HOLDINGS, INC.

Warrant To Purchase Common Stock

Warrant No.: []

Date of Issuance: August 31, 2021 (“**Issuance Date**”)

Greenlane Holdings, Inc., a Delaware corporation (the “**Company**”), hereby certifies that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, [], the registered holder hereof or its permitted assigns (the “**Holder**”), is entitled, subject to the terms set forth below, to purchase from the Company, at the Exercise Price (as defined below) then in effect, upon exercise of this Warrant to Purchase Common Stock (including any Warrants to purchase Common Stock issued in exchange, transfer or replacement hereof, the “**Warrant**”), at any time or times on or after the Issuance Date, but not after 11:59 p.m., New York time, on the Expiration Date (as defined below), [] (subject to adjustment as provided herein) fully paid and non-assessable shares of Common Stock (as defined below) (the “**Warrant Shares**”, and such number of Warrant Shares, the “**Warrant Number**”). Except as otherwise defined herein, capitalized terms in this Warrant shall have the meanings set forth in Section 20. This Warrant is being issued as a replacement for the warrant, dated September 30, 2019 (the “**Prior Warrant**”) issued pursuant to the Securities Purchase Agreement, dated as of September 26, 2019, issued to the Holder by KushCo Holdings, Inc. (“**KushCo**”) in accordance with Section 4(b) of the Prior Warrant and pursuant to the terms of the Agreement and Plan of Merger, dated March 31, 2021, by and among the Company, Merger Sub Gotham 1, LLC, Merger Sub Gotham 2, LLC and KushCo. As of the date hereof the Prior Warrant shall be of no further force and effect. The Company has registered the issuance of the Warrant Shares on its Registration Statement on Form S-4 (File number 333-256582) (as amended from time to time, the “**Registration Statement**”).

1. EXERCISE OF WARRANT.

(a) Mechanics of Exercise. Subject to the terms and conditions hereof (including, without limitation, the limitations set forth in Section 1(f)), this Warrant may be exercised by the Holder on any day on or after the Issuance Date (an “**Exercise Date**”), in whole or in part, by delivery (whether via facsimile or otherwise) of a written notice, in the form attached hereto as Exhibit A (the “**Exercise Notice**”), of the Holder’s election to exercise this Warrant. Within one (1) Trading Day following the delivery of the Exercise Notice, the Holder shall deliver payment to the Company of an amount equal to the Exercise Price in effect on the date of such exercise multiplied by the number of Warrant Shares as to which this Warrant was so exercised (the “**Aggregate Exercise Price**”) in cash or via wire transfer of immediately available funds if the Holder did not notify the Company in such Exercise Notice that such exercise was made pursuant to a Cashless Exercise (as defined in Section 1(d)). The Holder shall not be required to deliver the original of this Warrant in order to effect an exercise hereunder nor shall any ink-original signature or medallion guarantee (or other type of guarantee or notarization) with respect to any Exercise Notice be required. Execution and delivery of an Exercise Notice with respect to less than all of the Warrant Shares shall have the same effect as cancellation of the original of this Warrant and issuance of a new Warrant evidencing the right to purchase the remaining number of Warrant Shares. Execution and delivery of an Exercise Notice for all of the then-remaining Warrant Shares shall have the same effect as cancellation of the original of this Warrant after delivery of the Warrant Shares in accordance with the terms hereof. On or before the first (1st) Trading Day following the date on which the Company has received an Exercise Notice, the Company shall transmit by facsimile or electronic mail an acknowledgment of confirmation of receipt of such Exercise Notice, in the form attached hereto as Exhibit B, to the Holder and the Company’s transfer agent (the “**Transfer Agent**”), which confirmation shall constitute an instruction to the Transfer Agent to process such Exercise Notice in accordance with the terms herein. So long as the Holder delivers the Aggregate Exercise Price (or notice of a Cashless Exercise) on or prior to the first (1st) Trading Day following the date on which the Exercise Notice has been delivered to the Company, then on or prior to the second (2nd) Trading Day following the date on which the Exercise Notice has been delivered to the Company, or, if the Holder does not deliver the Aggregate Exercise Price (or notice of a Cashless Exercise) on or prior to the first (1st) Trading Day following the date on which the Exercise Notice has been delivered to the Company, then on or prior to the first (1st) Trading Day following the date on which the Aggregate Exercise Price (or notice of a Cashless Exercise) is delivered (the “**Share Delivery Deadline**”), the Company shall (i) provided that

the Transfer Agent is participating in The Depository Trust Company (“DTC”) Fast Automated Securities Transfer Program, upon the request of the Holder, credit such aggregate number of shares of Common Stock to which the Holder is entitled pursuant to such exercise to the Holder’s or its designee’s balance account with DTC through its Deposit/Withdrawal at Custodian system, or (ii) if the Transfer Agent is not participating in the DTC Fast Automated Securities Transfer Program, upon the request of the Holder, issue and deliver (via reputable overnight courier) to the address as specified in the Exercise Notice, a certificate, registered in the name of the Holder or its designee, for the number of shares of Common Stock to which the Holder shall be entitled pursuant to such exercise. The Company shall be responsible for all fees and expenses of the Transfer Agent and all fees and expenses with respect to the issuance of Warrant Shares via DTC, if any, including without limitation for same day processing. Upon delivery of an Exercise Notice, the Holder shall be deemed for all corporate purposes to have become the holder of record of the Warrant Shares with respect to which this Warrant has been exercised, irrespective of the date such Warrant Shares are credited to the Holder’s DTC account or the date of delivery of the certificates evidencing such Warrant Shares (as the case may be). If this Warrant is submitted in connection with any exercise pursuant to this Section 1(a) and the number of Warrant Shares represented by this Warrant submitted for exercise is greater than the number of Warrant Shares being acquired upon an exercise and upon surrender of this Warrant to the Company by the Holder, then, at the request of the Holder, the Company shall as soon as practicable and in no event later than two (2) Business Days after any exercise and at its own expense, issue and deliver to the Holder (or its designee) a new Warrant (in accordance with Section 7(d)) representing the right to purchase the number of Warrant Shares purchasable immediately prior to such exercise under this Warrant, less the number of Warrant Shares with respect to which this Warrant is exercised. No fractional shares of Common Stock are to be issued upon the exercise of this Warrant, but rather the number of shares of Common Stock to be issued shall be rounded up to the nearest whole number. The Company shall pay any and all transfer, stamp, issuance and similar taxes, costs and expenses (including, without limitation, fees and expenses of the Transfer Agent) that may be payable with respect to the issuance and delivery of Warrant Shares upon exercise of this Warrant. From the Issuance Date through and including the Expiration Date, the Company shall maintain a transfer agent that participates in the DTC’s Fast Automated Securities Transfer Program. The Company’s obligations to issue and deliver Warrant Shares in accordance with the terms and subject to the conditions hereof are absolute and unconditional, irrespective of any action or inaction by the Holder to enforce the same, any waiver or consent with respect to any provision hereof, the recovery of any judgment against any Person or any action to enforce the same, or any setoff, counterclaim, recoupment, limitation or termination; provided, however, that the Company shall not be required to deliver Warrant Shares with respect to an exercise prior to the Holder’s delivery of the Aggregate Exercise Price (or notice of a Cashless Exercise) with respect to such exercise.

(b) Exercise Price. For purposes of this Warrant, “**Exercise Price**” means \$7.47, subject to adjustment as provided herein.

(c) Company’s Failure to Timely Deliver Securities. If the Company shall fail, for any reason or for no reason, on or prior to the Share Delivery Deadline, either (I) if the Transfer Agent is not participating in the DTC Fast Automated Securities Transfer Program, to issue and deliver to the Holder (or its designee) a certificate for the number of Warrant Shares to which the Holder is entitled and register such Warrant Shares on the Company’s share register or, if the Transfer Agent is participating in the DTC Fast Automated Securities Transfer Program, to credit the balance account of the Holder or the Holder’s designee with DTC for such number of Warrant Shares to which the Holder is entitled upon the Holder’s exercise of this Warrant (as the case may be) or (II) if the Registration Statement (or prospectus contained therein) covering the issuance of the Warrant Shares that are the subject of the Exercise Notice (the “**Unavailable Warrant Shares**”) is not available for the issuance of such Unavailable Warrant Shares and the Company fails to promptly (x) so notify the Holder and (y) deliver the Warrant Shares electronically without any restrictive legend by crediting such aggregate number of Warrant Shares to which the Holder is entitled pursuant to such exercise to the Holder’s or its designee’s balance account with DTC through its Deposit/Withdrawal At Custodian system (the event described in the immediately foregoing clause (II) is hereinafter referred to as a “**Notice Failure**” and together with the event described in clause (I) above, a “**Delivery Failure**”), and if on or after such Share Delivery Deadline the Holder purchases (in an open market transaction or otherwise) shares of Common Stock to deliver in satisfaction of a sale by the Holder of all or any portion of the number of shares of Common Stock issuable upon such exercise that the Holder is entitled to receive from the Company (a “**Buy-In**”), then, in addition to all other remedies available to the Holder, the Company shall, within three (3) Business Days after the Holder’s request and in the Holder’s discretion, either (i) pay cash to the Holder in an amount equal to the Holder’s total purchase price (including brokerage commissions and other out-of-pocket expenses, if any) for the

shares of Common Stock so purchased (including, without limitation, by any other Person in respect, or on behalf, of the Holder) (the **“Buy-In Price”**), at which point the Company’s obligation to so issue and deliver such certificate (and to issue such shares of Common Stock) or credit the balance account of such Holder or such Holder’s designee, as applicable, with DTC for the number of Warrant Shares to which the Holder is entitled upon the Holder’s exercise hereunder (as the case may be) (and to issue such Warrant Shares) shall terminate, or (ii) promptly honor its obligation to so issue and deliver to the Holder a certificate or certificates representing such Warrant Shares or credit the balance account of such Holder or such Holder’s designee, as applicable, with DTC for the number of Warrant Shares to which the Holder is entitled upon the Holder’s exercise hereunder (as the case may be) and pay cash to the Holder in an amount equal to the excess (if any) of the Buy-In Price over the product of (A) such number of Warrant Shares multiplied by (B) the lowest Closing Sale Price of the Common Stock on any Trading Day during the period commencing on the date of the applicable Exercise Notice and ending on the date of such issuance and payment under this clause (ii) (the **“Buy-In Payment Amount”**). Nothing shall limit the Holder’s right to pursue any other remedies available to it hereunder, at law or in equity, including, without limitation, a decree of specific performance and/or injunctive relief with respect to the Company’s failure to timely deliver certificates representing shares of Common Stock (or to electronically deliver such shares of Common Stock) upon the exercise of this Warrant as required pursuant to the terms hereof. Additionally, if the Company fails for any reason to deliver to the Holder the Warrant Shares subject to an Exercise Notice by the Share Delivery Deadline, the Company shall pay to the Holder, in cash, as liquidated damages and not as a penalty, for each \$1,000 of Warrant Shares subject to such exercise (based on the Weighted Average Price of the Common Stock on the date of the applicable Notice of Exercise), \$10 per Trading Day (increasing to \$20 per Trading Day on the fifth Trading Day after such liquidated damages begin to accrue) for each Trading Day after such Share Delivery Deadline until such Warrant Shares are delivered or Holder rescinds such exercise. In addition to the foregoing rights, (i) if the Company fails to deliver the applicable number of Warrant Shares upon an exercise pursuant to Section 1 by the applicable Share Delivery Date, then the Holder shall have the right to rescind such exercise in whole or in part and retain and/or have the Company return, as the case may be, any portion of this Warrant that has not been exercised pursuant to such Exercise Notice; provided that the rescission of an exercise shall not affect the Company’s obligation to make any payments that have accrued prior to the date of such notice pursuant to this Section 1(c) or otherwise, and (ii) if a registration statement (which may be the Registration Statement) covering the issuance or resale of the Warrant Shares that are subject to an Exercise Notice is not available for the issuance or resale, as applicable, of such Exercise Notice Warrant Shares and the Holder has submitted an Exercise Notice prior to receiving notice of the non-availability of such registration statement and the Company has not already delivered the Warrant Shares underlying such Exercise Notice electronically without any restrictive legend by crediting such aggregate number of Warrant Shares to which the Holder is entitled pursuant to such exercise to the Holder’s or its designee’s balance account with DTC through its Deposit / Withdrawal At Custodian system, the Holder shall have the option, by delivery of notice to the Company, to (x) rescind such Exercise Notice in whole or in part and retain or have returned, as the case may be, any portion of this Warrant that has not been exercised pursuant to such Exercise Notice; provided that the rescission of an Exercise Notice shall not affect the Company’s obligation to make any payments that have accrued prior to the date of such notice pursuant to this Section 1(c) or otherwise, and/or (y) switch some or all of such Exercise Notice from a cash exercise to a Cashless Exercise.

(d) **Cashless Exercise.** Notwithstanding anything contained herein to the contrary, if at the time of exercise hereof the Registration Statement is not effective (or the prospectus contained therein is not available for use) for the issuance of all of the Warrant Shares, then the Holder may only exercise this Warrant in whole or in part, at such time by means of a cashless exercise in which the Holder shall be entitled to receive upon such exercise the “Net Number” of Warrant Shares determined according to the following formula (a **“Cashless Exercise”**):

$$\text{Net Number} = \frac{(A \times B) - (A \times C)}{D}$$

For purposes of the foregoing formula:

A= the total number of shares with respect to which this Warrant is then being exercised.

B = the quotient of (x) the sum of the Weighted Average Price of the Common Stock of each of the three (3) Trading Days ending at the close of business on the Principal Market immediately prior to the time of exercise as set forth in the applicable Exercise Notice, divided by (y) three (3).

C = the Exercise Price then in effect for the applicable Warrant Shares at the time of such exercise.

D = as applicable: (i) the Closing Sale Price of the Common Stock on the Trading Day immediately preceding the date of the applicable Exercise Notice if such Exercise Notice is (1) both executed and delivered pursuant to Section 1(d) hereof on a day that is not a Trading Day or (2) both executed and delivered pursuant to Section 1(d) hereof on a Trading Day prior to the opening of “regular trading hours” (as defined in Rule 600(b)(68) of Regulation NMS promulgated under the federal securities laws) on such Trading Day, (ii) the Bid Price of the Common Stock as of the time of the Holder’s execution of the applicable Exercise Notice if such Exercise Notice is executed during “regular trading hours” on a Trading Day and is delivered within two (2) hours thereafter pursuant to Section 1(d) hereof, or (iii) the Closing Sale Price of the Common Stock on the date of the applicable Exercise Notice if the date of such Exercise Notice is a Trading Day and such Exercise Notice is both executed and delivered pursuant to Section 1(d) hereof after the close of “regular trading hours” on such Trading Day.

If the Warrant Shares are issued in a Cashless Exercise, the parties acknowledge and agree that in accordance with Section 3(a)(9) of the 1933 Act, the Warrant Shares take on the registered characteristics of the Warrants being exercised. For purposes of Rule 144(d) promulgated under the 1933 Act, as in effect on the Issuance Date, it is intended that the Warrant Shares issued in a Cashless Exercise shall be deemed to have been acquired by the Holder, and the holding period for the Warrant Shares shall be deemed to have commenced, on the date this Warrant was originally issued pursuant to the Securities Purchase Agreement.

(e) Disputes. In the case of a dispute as to the determination of the Exercise Price or the arithmetic calculation of the number of Warrant Shares to be issued pursuant to the terms hereof, the Company shall promptly issue to the Holder the number of Warrant Shares that are not disputed and resolve such dispute in accordance with Section 13.

(f) [Intentionally Omitted].

(g) Reservation of Shares.

(i) Required Reserve Amount. So long as this Warrant remains outstanding, the Company shall at all times keep reserved for issuance under this Warrant a number of shares of Common Stock at least equal to 100% of the maximum number of shares of Common Stock as shall be necessary to satisfy the Company’s obligation to issue shares of Common Stock under the Registered Warrants then outstanding (without regard to any limitations on exercise) (the “**Required Reserve Amount**”); provided that at no time shall the number of shares of Common Stock reserved pursuant to this Section 1(g)(i) be reduced other than proportionally in connection with any exercise or redemption of Registered Warrants or such other event covered by Section 2(a) below. The Required Reserve Amount (including, without limitation, each increase in the number of shares so reserved) shall be allocated pro rata among the holders of the Registered Warrants based on number of shares of Common Stock issuable upon exercise of Registered Warrants held by each holder on the date of Closing (without regard to any limitations on exercise) or increase in the number of reserved shares, as the case may be (the “**Authorized Share Allocation**”). In the event that a holder shall sell or otherwise transfer any of such holder’s Registered Warrants, each transferee shall be allocated a pro rata portion of such holder’s Authorized Share Allocation. Any shares of Common Stock reserved and allocated to any Person which ceases to hold any Registered Warrants shall be allocated to the remaining holders of Registered Warrants, pro rata based on the number of shares of Common Stock issuable upon exercise of the Registered Warrants then held by such holders (without regard to any limitations on exercise).

(i i) Insufficient Authorized Shares. If, notwithstanding Section 1(g)(i) above, and not in limitation thereof, at any time while any of the Registered Warrants remain outstanding, the Company does not have a sufficient number of authorized and unreserved shares of Common Stock to satisfy its obligation to reserve the Required Reserve Amount (an “**Authorized Share Failure**”), then the Company shall immediately take all action necessary to increase the Company’s authorized shares of Common Stock to an

amount sufficient to allow the Company to reserve the Required Reserve Amount for all the Registered Warrants then outstanding. Without limiting the generality of the foregoing sentence, as soon as practicable after the date of the occurrence of an Authorized Share Failure, but in no event later than sixty (60) days after the occurrence of such Authorized Share Failure, the Company shall hold a meeting of its stockholders for the approval of an increase in the number of authorized shares of Common Stock. In connection with such meeting, the Company shall provide each stockholder with a proxy statement and shall use its best efforts to solicit its stockholders' approval of such increase in authorized shares of Common Stock and to cause its board of directors to recommend to the stockholders that they approve such proposal. Notwithstanding the foregoing, if any such time of an Authorized Share Failure, the Company is able to obtain the written consent of a majority of the shares of its issued and outstanding shares of Common Stock to approve the increase in the number of authorized shares of Common Stock, the Company may satisfy this obligation by obtaining such consent and submitting for filing with the SEC an Information Statement on Schedule 14C.

2. ADJUSTMENT OF EXERCISE PRICE AND NUMBER OF WARRANT SHARES.

(a) Adjustment Upon Subdivision or Combination of Common Stock. The Exercise Price and number of Warrant Shares issuable upon exercise of this Warrant are subject to adjustment from time to time as set forth in this Section 2. If the Company, at any time on or after the Issuance Date, (i) pays a stock dividend on one or more classes of its then outstanding shares of Common Stock or otherwise makes a distribution on any class of capital stock that is payable in shares of Common Stock, (ii) subdivides (by any stock split, stock dividend, recapitalization or otherwise) one or more classes of its then outstanding shares of Common Stock into a larger number of shares or (iii) combines (by combination, reverse stock split or otherwise) one or more classes of its then outstanding shares of Common Stock into a smaller number of shares, then in each such case the Exercise Price shall be multiplied by a fraction of which the numerator shall be the number of shares of Common Stock outstanding immediately before such event and of which the denominator shall be the number of shares of Common Stock outstanding immediately after such event. Any adjustment made pursuant to clause (i) of this paragraph shall become effective immediately after the record date for the determination of stockholders entitled to receive such dividend or distribution, and any adjustment pursuant to clause (ii) or (iii) of this paragraph shall become effective immediately after the effective date of such subdivision or combination. If any event requiring an adjustment under this paragraph occurs during the period that an Exercise Price is calculated hereunder, then the calculation of such Exercise Price shall be adjusted appropriately to reflect such event.

(b) Number of Warrant Shares. Simultaneously with any adjustment to the Exercise Price pursuant to Section 2, the number of Warrant Shares that may be purchased upon exercise of this Warrant shall be increased or decreased proportionately, so that after such adjustment the aggregate Exercise Price payable hereunder for the adjusted number of Warrant Shares shall be the same as the aggregate Exercise Price in effect immediately prior to such adjustment (without regard to any limitations on exercise contained herein).

3 . RIGHTS UPON DISTRIBUTION OF ASSETS. In addition to any adjustments pursuant to Section 2 above, if, on or after the Issuance Date and on or prior to the Expiration Date, the Company shall declare or make any dividend or other distribution of its assets (or rights to acquire its assets) to holders of shares of Common Stock, by way of return of capital or otherwise (including, without limitation, any distribution of cash, stock or other securities, property, options, evidence of indebtedness or any other assets by way of a dividend, spin off, reclassification, corporate rearrangement, scheme of arrangement or other similar transaction) (a "**Distribution**"), at any time after the issuance of this Warrant, then, in each such case, the Holder shall be entitled to participate in such Distribution to the same extent that the Holder would have participated therein if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations or restrictions on exercise of this Warrant) immediately before the date of which a record is taken for such Distribution, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the participation in such Distribution.

4. PURCHASE RIGHTS: FUNDAMENTAL TRANSACTIONS.

(a) Purchase Rights. In addition to any adjustments pursuant to Section 2 above, if at any time on or after the Issuance Date and on or prior to the Expiration Date the Company grants, issues or sells any Options,

Convertible Securities or rights to purchase stock, warrants, securities or other property pro rata to the record holders of any class of Common Stock (the **Purchase Rights**"), then the Holder will be entitled to acquire, upon the terms applicable to such Purchase Rights, the aggregate Purchase Rights which the Holder could have acquired if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations or restrictions on exercise of this Warrant) immediately before the date on which a record is taken for the grant, issuance or sale of such Purchase Rights, or, if no such record is taken, the date as of which the record holders of Common Stock are to be determined for the grant, issuance or sale of such Purchase Rights.

(b) Fundamental Transactions. The Company shall not enter into or be party to a Fundamental Transaction unless the Successor Entity assumes in writing, pursuant to written agreements in form and substance satisfactory to the Required Holders, all of the obligations of the Company under this Warrant and all other Transaction Documents in accordance with the provisions of this Section 4(b), including agreements to deliver to the Holder in exchange for this Warrant a security of the Successor Entity evidenced by a written instrument substantially similar in form and substance to this Warrant, but which is exercisable for a corresponding number of shares of capital stock equivalent to the shares of Common Stock issuable upon exercise of this Warrant (without regard to any limitations on the exercise of this Warrant) prior to such Fundamental Transaction, and with an exercise price which applies the exercise price hereunder to such shares of capital stock (taking into account the relative value of the shares of Common Stock pursuant to such Fundamental Transaction and the value of such shares of capital stock, such adjustments to the number of shares of capital stock and such exercise price being for the purpose of protecting the economic value of this Warrant immediately prior to the consummation of such Fundamental Transaction). Upon the consummation of each Fundamental Transaction, the Successor Entity shall succeed to, and be substituted for the Company (so that from and after the date of such Fundamental Transaction, each and every provision of this Warrant referring to the "Company" shall instead refer to the Successor Entity), and the Successor Entity may exercise every prior right and power of the Company and shall assume all prior obligations of the Company under this Warrant with the same effect as if the Successor Entity had been named as the Company in this Warrant. On or prior to the consummation of each Fundamental Transaction, the Successor Entity shall deliver to the Holder confirmation that there shall be issued upon exercise of this Warrant at any time after the consummation of the Fundamental Transaction, in lieu of the shares of Common Stock (or other securities, cash, assets or other property purchasable upon the exercise of this Warrant prior to such Fundamental Transaction), such shares of stock, securities, cash, assets or any other property whatsoever (including warrants or other purchase or subscription rights), which for purposes of clarification may continue to be shares of Common Stock, if any, that the Holder would have been entitled to receive upon the happening of such Fundamental Transaction or the record, eligibility or other determination date for the event resulting in such Fundamental Transaction, had this Warrant been exercised immediately prior to such Fundamental Transaction or the record, eligibility or other determination date for the event resulting in such Fundamental Transaction (without regard to any limitations on the exercise of this Warrant), as adjusted in accordance with the provisions of this Warrant. Notwithstanding the foregoing, and without limiting the provisions of Section 1(g) hereof, the Holder may elect, at its sole discretion, by delivery of a written notice to the Company, to permit a Fundamental Transaction without the required assumption of this Warrant. In addition to and not in substitution for any other rights hereunder, prior to the consummation of any Fundamental Transaction pursuant to which holders of Common Stock are entitled to receive securities, cash, assets or other property with respect to or in exchange for Common Stock (a "**Corporate Event**"), the Company shall make appropriate provision to ensure that, and any applicable Successor Entity shall ensure that, the Holder will thereafter have the right to receive upon exercise of this Warrant at any time after the consummation of the Corporate Event, shares of Common Stock or capital stock of the Successor Entity or, if so elected by the Holder, in lieu of the shares of Common Stock (or other securities, cash, assets or other property) (except such items still issuable under Sections 3 and 4(a), which shall continue to be receivable thereafter) issuable upon exercise of this Warrant prior to such Corporate Event, such shares of stock, securities, cash, assets or any other property whatsoever (including warrants or other purchase or subscription rights) which the Holder would have been entitled to receive upon the consummation of such Corporate Event or the record, eligibility or other determination date for the event resulting in such Corporate Event, had this Warrant been exercised immediately prior to such Corporate Event or the record, eligibility or other determination date for the event resulting in such Corporate Event (without regard to any limitations on exercise of this Warrant). Provision made pursuant to the preceding sentence shall be in a form and substance reasonably satisfactory to the Holder. The provisions of this Section 4(b) shall apply similarly and equally to successive Fundamental Transactions and Corporate Events.

5. NONCIRCUMVENTION. The Company hereby covenants and agrees that the Company will not, by amendment of its Articles of Incorporation, as amended, bylaws or through any reorganization, transfer of assets, consolidation, merger, scheme of arrangement, dissolution, issuance or sale of securities, or any other voluntary action, avoid or seek to avoid the observance or performance of any of the terms of this Warrant, and will at all times in good faith carry out all the provisions of this Warrant and take all action as may be required to protect the rights of the Holder. Without limiting the generality of the foregoing, the Company (a) shall not increase the par value of any shares of Common Stock receivable upon the exercise of this Warrant above the Exercise Price then in effect, (b) shall take all such actions as may be necessary or appropriate in order that the Company may validly and legally issue fully paid and non-assessable shares of Common Stock upon the exercise of this Warrant and (c) shall, so long as any of the Warrants are outstanding, take all action necessary to reserve and keep available out of its authorized and unissued shares of Common Stock, solely for the purpose of effecting the exercise of the Warrants, the number of shares of Common Stock as shall from time to time be necessary to effect the exercise of the Warrants then outstanding (without regard to any limitations on exercise). Notwithstanding anything herein to the contrary, if after the sixty (60) calendar day anniversary of the Issuance Date, the Holder is not permitted to exercise this Warrant in full for any reason, the Company shall use its reasonable best efforts to promptly remedy such failure, including, without limitation, obtaining such consents or approvals as necessary to permit such exercise into shares of Common Stock

6. WARRANT HOLDER NOT DEEMED A STOCKHOLDER. Except as otherwise specifically provided herein, the Holder, solely in its capacity as a holder of this Warrant, shall not be entitled to vote or receive dividends or be deemed the holder of share capital of the Company for any purpose, nor shall anything contained in this Warrant be construed to confer upon the Holder, solely in its capacity as the Holder of this Warrant, any of the rights of a stockholder of the Company or any right to vote, give or withhold consent to any corporate action (whether any reorganization, issue of stock, reclassification of stock, consolidation, merger, conveyance or otherwise), receive notice of meetings, receive dividends or subscription rights, or otherwise, prior to the issuance to the Holder of the Warrant Shares which it is then entitled to receive upon the due exercise of this Warrant. In addition, nothing contained in this Warrant shall be construed as imposing any liabilities on the Holder to purchase any securities (upon exercise of this Warrant or otherwise) or as a stockholder of the Company, whether such liabilities are asserted by the Company or by creditors of the Company. Notwithstanding this Section 6, the Company shall provide the Holder with copies of the same notices and other information given to the stockholders of the Company generally, contemporaneously with the giving thereof to the stockholders.

7. REISSUANCE OF WARRANTS.

(a) Transfer of Warrant. If this Warrant is to be transferred, the Holder shall surrender this Warrant to the Company, whereupon the Company will forthwith issue and deliver upon the order of the Holder a new Warrant (in accordance with Section 7(d)), registered as the Holder may request, representing the right to purchase the number of Warrant Shares being transferred by the Holder and, if less than the total number of Warrant Shares then underlying this Warrant is being transferred, a new Warrant (in accordance with Section 7(d)) to the Holder representing the right to purchase the number of Warrant Shares not being transferred.

(b) Lost, Stolen or Mutilated Warrant. Upon receipt by the Company of evidence reasonably satisfactory to the Company of the loss, theft, destruction or mutilation of this Warrant (as to which a written certification and the indemnification contemplated below shall suffice as such evidence), and, in the case of loss, theft or destruction, of any indemnification undertaking by the Holder to the Company in customary and reasonable form (but without the obligation to post a bond) and, in the case of mutilation, upon surrender and cancellation of this Warrant, the Company shall execute and deliver to the Holder a new Warrant (in accordance with Section 7(d)) representing the right to purchase the Warrant Shares then underlying this Warrant.

(c) Exchangeable for Multiple Warrants. This Warrant is exchangeable, upon the surrender hereof by the Holder at the principal office of the Company, for a new Warrant or Warrants (in accordance with Section 7(d)) representing in the aggregate the right to purchase the number of Warrant Shares then underlying this Warrant, and each such new Warrant will represent the right to purchase such portion of such Warrant Shares as is designated by the Holder at the time of such surrender; provided, however, no warrants for fractional shares of Common Stock shall be given.

(d) Issuance of New Warrants. Whenever the Company is required to issue a new Warrant pursuant to the terms of this Warrant, such new Warrant (i) shall be of like tenor with this Warrant, (ii) shall represent, as indicated on the face of such new Warrant, the right to purchase the Warrant Shares then underlying this Warrant (or in the case of a new Warrant being issued pursuant to Section 7(a) or Section 7(c), the Warrant Shares designated by the Holder which, when added to the number of shares of Common Stock underlying the other new Warrants issued in connection with such issuance, does not exceed the number of Warrant Shares then underlying this Warrant), (iii) shall have an issuance date, as indicated on the face of such new Warrant which is the same as the Issuance Date, and (iv) shall have the same rights and conditions as this Warrant.

8. NOTICES. Whenever notice is required to be given under this Warrant, unless otherwise provided herein, such notice shall be given in accordance with Section 3.3 of the Securities Purchase Agreement. The Company shall provide the Holder with prompt written notice of all actions taken pursuant to this Warrant (other than the issuance of shares of Common Stock upon exercise in accordance with the terms hereof), including in reasonable detail a description of such action and the reason therefor. Without limiting the generality of the foregoing, the Company will give written notice to the Holder (i) immediately upon each adjustment of the Exercise Price and the number of Warrant Shares, setting forth in reasonable detail, and certifying, the calculation of such adjustment(s) and (ii) at least ten Trading Days prior to the date on which the Company closes its books or takes a record (A) with respect to any dividend or distribution upon the shares of Common Stock, (B) with respect to any grants, issuances or sales of any Options, Convertible Securities or rights to purchase stock, warrants, securities or other property to holders of shares of Common Stock or (C) for determining rights to vote with respect to any Fundamental Transaction, dissolution or liquidation; provided in each case that such information shall be made known to the public prior to or in conjunction with such notice being provided to the Holder. It is expressly understood and agreed that the time of exercise specified by the Holder in each Exercise Notice shall be definitive and may not be disputed or challenged by the Company.

9. AMENDMENT AND WAIVER. Except as otherwise provided herein, the provisions of this Warrant may be amended and the Company may take any action herein prohibited, or omit to perform any act herein required to be performed by it, only if the Company has obtained the written consent of the Holder. No waiver shall be effective unless it is in writing and signed by an authorized representative of the waiving party.

10. SEVERABILITY. If any provision of this Warrant is prohibited by law or otherwise determined to be invalid or unenforceable by a court of competent jurisdiction, the provision that would otherwise be prohibited, invalid or unenforceable shall be deemed amended to apply to the broadest extent that it would be valid and enforceable, and the invalidity or unenforceability of such provision shall not affect the validity of the remaining provisions of this Warrant so long as this Warrant as so modified continues to express, without material change, the original intentions of the parties as to the subject matter hereof and the prohibited nature, invalidity or unenforceability of the provision(s) in question does not substantially impair the respective expectations or reciprocal obligations of the parties or the practical realization of the benefits that would otherwise be conferred upon the parties. The parties will endeavor in good faith negotiations to replace the prohibited, invalid or unenforceable provision(s) with a valid provision(s), the effect of which comes as close as possible to that of the prohibited, invalid or unenforceable provision(s).

11. GOVERNING LAW. This Warrant shall be governed by and construed and enforced in accordance with, and all questions concerning the construction, validity, interpretation and performance of this Warrant shall be governed by, the internal laws of the State of New York, without giving effect to any choice of law or conflict of law provision or rule (whether of the State of New York or any other jurisdictions) that would cause the application of the laws of any jurisdictions other than the State of New York. The Company hereby irrevocably waives personal service of process and consents to process being served in any such suit, action or proceeding by mailing a copy thereof to the Company at the address set forth on the signature page to the Securities Purchase Agreement and agrees that such service shall constitute good and sufficient service of process and notice thereof. The Company hereby irrevocably submits to the exclusive jurisdiction of the state and federal courts sitting in The City of New York, Borough of Manhattan, for the adjudication of any dispute hereunder or in connection herewith or with any transaction contemplated hereby or discussed herein, and hereby irrevocably waives, and agrees not to assert in any suit, action or proceeding, any claim that it is not personally subject to the jurisdiction of any such court, that such suit, action or proceeding is brought in an inconvenient forum or that the venue of such suit, action or proceeding is improper. Nothing contained herein shall be deemed to limit in any way any right to serve process in any manner

permitted by law. Nothing contained herein shall be deemed or operate to preclude the Holder from bringing suit or taking other legal action against the Company in any other jurisdiction to collect on the Company's obligations to the Holder, to realize on any collateral or any other security for such obligations, or to enforce a judgment or other court ruling in favor of the Holder. **THE COMPANY HEREBY IRREVOCABLY WAIVES ANY RIGHT IT MAY HAVE TO, AND AGREES NOT TO REQUEST, A JURY TRIAL FOR THE ADJUDICATION OF ANY DISPUTE HEREUNDER OR IN CONNECTION WITH OR ARISING OUT OF THIS WARRANT OR ANY TRANSACTION CONTEMPLATED HEREBY.**

12. **CONSTRUCTION; HEADINGS.** This Warrant shall be deemed to be jointly drafted by the Company and the Holder and shall not be construed against any Person as the drafter hereof. The headings of this Warrant are for convenience of reference and shall not form part of, or affect the interpretation of, this Warrant. Terms used in this Warrant but defined in the other Transaction Documents shall have the meanings ascribed to such terms on the date of Closing (as defined in the Securities Purchase Agreement) in such other Transaction Documents unless otherwise consented to in writing by the Holder.

13. **DISPUTE RESOLUTION.**

(a) **Submission to Dispute Resolution.**

(i) In the case of a dispute relating to the Exercise Price, the Closing Sale Price, or fair market value or the arithmetic calculation of the number of Warrant Shares (as the case may be) (including, without limitation, a dispute relating to the determination of any of the foregoing), the Company or the Holder (as the case may be) shall submit the dispute to the other party via facsimile or email (A) if by the Company, within two (2) Business Days after the occurrence of the circumstances giving rise to such dispute or (B) if by the Holder, within ten (10) Trading Days after the Holder learns of the circumstances giving rise to such dispute (or, if the Holder thereafter learns new information with respect to such circumstances, within ten (10) Trading Days after the Holder learns of such new information). If the Holder and the Company are unable to promptly resolve such dispute relating to such Exercise Price, such Closing Sale Price, or such fair market value or such arithmetic calculation of the number of Warrant Shares (as the case may be), at any time after the second (2nd) Business Day following such initial notice by the Company or the Holder (as the case may be) of such dispute to the Company or the Holder (as the case may be), then the Holder and the Company shall mutually agree upon, and select, an independent, reputable investment bank to resolve such dispute at the expense of the Company.

(ii) The Holder and the Company shall each deliver to such investment bank (A) a copy of the initial dispute submission so delivered in accordance with the first sentence of this Section 13 and (B) written documentation supporting its position with respect to such dispute, in each case, no later than 5:00 p.m. (New York time) by the fifth (5th) Business Day immediately following the date on which the investment bank was selected by the parties hereto (the "**Dispute Submission Deadline**") (the documents referred to in the immediately preceding clauses (A) and (B) are collectively referred to herein as the "**Required Dispute Documentation**") (it being understood and agreed that if either the Holder or the Company fails to so deliver all of the Required Dispute Documentation by the Dispute Submission Deadline, then the party who fails to so submit all of the Required Dispute Documentation shall no longer be entitled to (and hereby waives its right to) deliver or submit any written documentation or other support to such investment bank with respect to such dispute and such investment bank shall resolve such dispute based solely on the Required Dispute Documentation that was delivered to such investment bank prior to the Dispute Submission Deadline). Unless otherwise agreed to in writing by both the Company and the Holder or otherwise requested by such investment bank, neither the Company nor the Holder shall be entitled to deliver or submit any written documentation or other support to such investment bank in connection with such dispute (other than the Required Dispute Documentation).

(iii) The Company and the Holder shall cause such investment bank to determine the resolution of such dispute and notify the Company and the Holder of such resolution no later than ten (10) Business Days immediately following the Dispute Submission Deadline. The fees and expenses of such investment bank shall be paid 50/50 by the Company and the Holder.

(b) Miscellaneous. The Company expressly acknowledges and agrees that (i) this Section 13 constitutes an agreement to arbitrate between the Company and the Holder (and constitutes an arbitration agreement) under the rules then in effect under § 7501, et seq. of the New York Civil Practice Law and Rules (“**CPLR**”) and that the Holder is authorized to apply for an order to compel arbitration pursuant to CPLR § 7503(a) in order to compel compliance with this Section 13, (ii) the terms of this Warrant and each other applicable Transaction Document shall serve as the basis for the selected investment bank’s resolution of the applicable dispute, such investment bank shall be entitled (and is hereby expressly authorized) to make all findings, determinations and the like that such investment bank determines are required to be made by such investment bank in connection with its resolution of such dispute and in resolving such dispute such investment bank shall apply such findings, determinations and the like to the terms of this Warrant and any other applicable Transaction Documents, (iii) either the Company or the Holder shall have the right to submit any dispute described in this Section 13 to any state or federal court sitting in The City of New York, Borough of Manhattan in lieu of utilizing the procedures set forth in this Section 13 and (iv) nothing in this Section 13 shall limit the Holder from obtaining any injunctive relief or other equitable remedies (including, without limitation, with respect to any matters described in this Section 13).

14. REMEDIES, CHARACTERIZATION, OTHER OBLIGATIONS, BREACHES AND INJUNCTIVE RELIEF. The remedies provided in this Warrant shall be cumulative and in addition to all other remedies available under this Warrant and the other Transaction Documents, at law or in equity (including a decree of specific performance and/or other injunctive relief), and nothing herein shall limit the right of the Holder to pursue actual and consequential damages for any failure by the Company to comply with the terms of this Warrant. The Company covenants to the Holder that there shall be no characterization concerning this instrument other than as expressly provided herein. Amounts set forth or provided for herein with respect to payments, exercises and the like (and the computation thereof) shall be the amounts to be received by the Holder and shall not, except as expressly provided herein, be subject to any other obligation of the Company (or the performance thereof). The Company acknowledges that a breach by it of its obligations hereunder will cause irreparable harm to the Holder and that the remedy at law for any such breach may be inadequate. The Company therefore agrees that, in the event of any such breach or threatened breach, the holder of this Warrant shall be entitled, in addition to all other available remedies, to specific performance and/or temporary, preliminary and permanent injunctive or other equitable relief from any court of competent jurisdiction in any such case without the necessity of proving actual damages and without posting a bond or other security. The Company shall provide all information and documentation to the Holder that is requested by the Holder to enable the Holder to confirm the Company’s compliance with the terms and conditions of this Warrant (including, without limitation, compliance with Section 1(g)(ii) hereof). The issuance of shares and certificates for shares as contemplated hereby upon the exercise of this Warrant shall be made without charge to the Holder or such shares for any issuance tax or other costs in respect thereof, provided that the Company shall not be required to pay any tax which may be payable in respect of any transfer involved in the issuance and delivery of any certificate in a name other than the Holder or its agent on its behalf.

15. PAYMENT OF COLLECTION, ENFORCEMENT AND OTHER COSTS. If (a) this Warrant is placed in the hands of an attorney for collection or enforcement or is collected or enforced through any legal proceeding or the holder otherwise takes action to collect amounts due under this Warrant or to enforce the provisions of this Warrant or (b) there occurs any bankruptcy, reorganization, receivership of the company or other proceedings affecting company creditors’ rights and involving a claim under this Warrant, then the Company shall pay the costs incurred by the Holder for such collection, enforcement or action or in connection with such bankruptcy, reorganization, receivership or other proceeding, including, without limitation, attorneys’ fees and disbursements.

16. TRANSFER. This Warrant may be offered for sale, sold, transferred or assigned without the consent of the Company.

17. DISCLOSURE. Upon receipt or delivery by the Company of any notice in accordance with the terms of this Warrant, unless the Company has in good faith determined that the matters relating to such notice do not constitute material, nonpublic information relating to the Company or its subsidiaries, the Company shall contemporaneously with any such receipt or delivery publicly disclose such material, nonpublic information on a Current Report on Form 8-K or otherwise. In the event that the Company believes that a notice contains material, nonpublic information relating to the Company or its subsidiaries, the Company so shall indicate to such Holder contemporaneously with delivery of such notice, and in the absence of any such indication, the Holder shall be

allowed to presume that all matters relating to such notice do not constitute material, nonpublic information relating to the Company or its subsidiaries.

18. NOTICES. Whenever notice is required to be given under this Warrant, unless otherwise provided herein, such notice shall be given in writing, (i) if delivered (a) from within the domestic United States, by first-class registered or certified airmail, or nationally recognized overnight express courier, postage prepaid, electronic mail or by facsimile or (b) from outside the United States, by International Federal Express, electronic mail or facsimile, and (ii) will be deemed given (A) if delivered by first-class registered or certified mail domestic, three (3) Business Days after so mailed, (B) if delivered by nationally recognized overnight carrier, one (1) Business Day after so mailed, (C) if delivered by International Federal Express, two (2) Business Days after so mailed and (D) if delivered by electronic mail, when sent and (E) if delivered by facsimile, when sent (provided that confirmation of transmission is generated and kept by the sending party), and will be delivered and addressed as follows:

(i) if to the Company, to:

Greenlane Holdings, Inc.
1095 Broken Sound Parkway, Suite 300
Boca Raton, FL 33487
Attention: William Mote; Douglas Fischer
Email: bmote@greenlane.com; dfischer@greenlane.com

With a copy to:

Morrison & Foerster, LLP
2100 L Street, NW
Washington, D.C. 20037
Attention: Justin R. Salon
Email: JustinSalon@mof.com

(ii) if to the Holder, at such address or other contact information delivered by the Holder to Company or as is on the books and records of the Company.

19. The Company shall provide the Holder with prompt written notice of all actions taken pursuant to this Warrant, including in reasonable detail a description of such action and the reason therefor. Without limiting the generality of the foregoing, the Company will give written notice to the Holder (i) immediately upon any adjustment of the Exercise Price, setting forth in reasonable detail, and certifying, the calculation of such adjustment and (ii) at least fifteen (15) days prior to the date on which the Company closes its books or takes a record (A) with respect to any dividend or distribution upon the shares of Common Stock, or (B) with respect to any grants, issuances or sales of any Options, Convertible Securities or rights to purchase stock, warrants, securities or other property to holders of shares of Common Stock or (C) for determining rights to vote with respect to any Fundamental Transaction, dissolution or liquidation; provided in each case that such information shall be made known to the public prior to or in conjunction with such notice being provided to the Holder. It is expressly understood and agreed that the time of exercise specified by the Holder in each Exercise Notice shall be definitive and may not be disputed or challenged by the Company.

20. CERTAIN DEFINITIONS.

For purposes of this Warrant, the following terms shall have the following meanings:

- (a) “**1933 Act**” means the Securities Act of 1933, as amended, and the rules and regulations thereunder.
 - (b) “**1934 Act**” means the Securities Exchange Act of 1934, as amended, and the rules and regulations thereunder.
-

(c) **“Affiliate”** means, with respect to any Person, any other Person that directly or indirectly controls, is controlled by, or is under common control with, such Person, it being understood for purposes of this definition that “control” of a Person means the power directly or indirectly either to vote 10% or more of the stock having ordinary voting power for the election of directors of such Person or direct or cause the direction of the management and policies of such Person whether by contract or otherwise.

(d) **“Bid Price”** means, for any security as of the particular time of determination, the bid price for such security on the Principal Market as reported by Bloomberg as of such time of determination, or, if the Principal Market is not the principal securities exchange or trading market for such security, the bid price of such security on the principal securities exchange or trading market where such security is listed or traded as reported by Bloomberg as of such time of determination, or if the foregoing does not apply, the bid price of such security in the over-the-counter market on the electronic bulletin board for such security as reported by Bloomberg as of such time of determination, or, if no bid price is reported for such security by Bloomberg as of such time of determination, the average of the bid prices of any market makers for such security as reported in the “pink sheets” by OTC Markets Group Inc. (formerly Pink Sheets LLC) as of such time of determination. If the Bid Price cannot be calculated for a security as of the particular time of determination on any of the foregoing bases, the Bid Price of such security as of such time of determination shall be the fair market value as mutually determined by the Company and the Holder. If the Company and the Holder are unable to agree upon the fair market value of such security, then such dispute shall be resolved in accordance with the procedures in Section 13. All such determinations shall be appropriately adjusted for any stock dividend, stock split, stock combination or other similar transaction during such period.

(e) **“Bloomberg”** means Bloomberg Financial Markets, L.P.

(f) **“Business Day”** means any day other than Saturday, Sunday or other day on which commercial banks in The City of New York are authorized or required by law to remain closed.

(g) **“Closing Bid Price”** and **“Closing Sale Price”** means, for any security as of any date, the last closing bid price and last closing trade price, respectively, for such security on the Principal Market, as reported by Bloomberg, or, if the Principal Market begins to operate on an extended hours basis and does not designate the closing bid price or the closing trade price, as the case may be, then the last bid price or the last trade price, respectively, of such security prior to 4:00:00 p.m., New York time, as reported by Bloomberg, or, if the Principal Market is not the principal securities exchange or trading market for such security, the last closing bid price or last trade price, respectively, of such security on the principal securities exchange or trading market where such security is listed or traded as reported by Bloomberg, or if the foregoing do not apply, the last closing bid price or last trade price, respectively, of such security in the over-the-counter market on the electronic bulletin board for such security as reported by Bloomberg, or, if no closing bid price or last trade price, respectively, is reported for such security by Bloomberg, the average of the bid prices, or the ask prices, respectively, of any market makers for such security as reported in the OTC Link or “pink sheets” by OTC Markets Group Inc. (formerly Pink OTC Markets Inc.). If the Closing Bid Price or the Closing Sale Price cannot be calculated for a security on a particular date on any of the foregoing bases, the Closing Bid Price or the Closing Sale Price, as the case may be, of such security on such date shall be the fair market value as mutually determined by the Company and the Holder. If the Company and the Holder are unable to agree upon the fair market value of such security, then such dispute shall be resolved pursuant to Section 13. All such determinations to be appropriately adjusted for any stock dividend, stock split, stock combination, reclassification or other similar transaction during the applicable calculation period.

(h) **“Common Stock”** means (i) the Company’s shares of Class A common stock, \$0.01 par value per share, and (ii) any capital stock into which such common stock shall have been changed or any share capital resulting from a reclassification of such common stock.

(i) **“Convertible Securities”** means any stock or other security (other than Options) that is at any time and under any circumstances, directly or indirectly, convertible into, exercisable or exchangeable for, or which otherwise entitles the holder thereof to acquire, any shares of Common Stock.

(j) **“Eligible Market”** means The NASDAQ Capital Market, the NYSE American, The NASDAQ Global Select Market, The NASDAQ Global Market or The New York Stock Exchange, Inc.

(k) **“Expiration Date”** means the date that is the fifth (5th) anniversary of the issuance date of the Prior Warrant or, if such date falls on a day other than a Trading Day or on which trading does not take place on the Principal Market (a **“Holiday”**), the next date that is not a Holiday.

(l) **“Fundamental Transaction”** means (A) that the Company shall, directly or indirectly, including through subsidiaries, Affiliates or otherwise, in one or more related transactions, (i) consolidate or merge with or into (whether or not the Company is the surviving corporation) another Subject Entity, or (ii) sell, assign, transfer, convey or otherwise dispose of all or substantially all of the properties or assets of the Company or any of its “significant subsidiaries” (as defined in Rule 1-02 of Regulation S-X) to one or more Subject Entities, or (iii) make, or allow one or more Subject Entities to make, or allow the Company to be subject to or have its shares of Common Stock be subject to or party to one or more Subject Entities making, a purchase, tender or exchange offer that is accepted by the holders of at least either (x) 50% of the outstanding shares of Common Stock, (y) 50% of the outstanding shares of Common Stock calculated as if any shares of Common Stock held by all Subject Entities making or party to, or Affiliated with any Subject Entities making or party to, such purchase, tender or exchange offer were not outstanding; or (z) such number of shares of Common Stock such that all Subject Entities making or party to, or Affiliated with any Subject Entity making or party to, such purchase, tender or exchange offer, become collectively the beneficial owners (as defined in Rule 13d-3 under the 1934 Act) of at least 50% of the outstanding shares of Common Stock, or (iv) consummate a stock purchase agreement or other business combination (including, without limitation, a reorganization, recapitalization, spin-off or scheme of arrangement) with one or more Subject Entities whereby all such Subject Entities, individually or in the aggregate, acquire, either (x) at least 50% of the outstanding shares of Common Stock, (y) at least 50% of the outstanding shares of Common Stock calculated as if any shares of Common Stock held by all the Subject Entities making or party to, or Affiliated with any Subject Entity making or party to, such stock purchase agreement or other business combination were not outstanding; or (z) such number of shares of Common Stock such that the Subject Entities become collectively the beneficial owners (as defined in Rule 13d-3 under the 1934 Act) of at least 50% of the outstanding shares of Common Stock, or (v) reorganize, recapitalize or reclassify its shares of Common Stock, (B) that the Company shall, directly or indirectly, including through subsidiaries, Affiliates or otherwise, in one or more related transactions, allow any Subject Entity individually or the Subject Entities in the aggregate to be or become the “beneficial owner” (as defined in Rule 13d-3 under the 1934 Act), directly or indirectly, whether through acquisition, purchase, assignment, conveyance, tender, tender offer, exchange, reduction in outstanding shares of Common Stock, merger, consolidation, business combination, reorganization, recapitalization, spin-off, scheme of arrangement, reorganization, recapitalization or reclassification or otherwise in any manner whatsoever, of either (x) at least 50% of the aggregate ordinary voting power represented by issued and outstanding shares of Common Stock, (y) at least 50% of the aggregate ordinary voting power represented by issued and outstanding shares of Common Stock not held by all such Subject Entities as of the Issuance Date calculated as if any shares of Common Stock held by all such Subject Entities were not outstanding, or (z) a percentage of the aggregate ordinary voting power represented by issued and outstanding shares of Common Stock or other equity securities of the Company sufficient to allow such Subject Entities to effect a statutory short form merger or other transaction requiring other stockholders of the Company to surrender their Common Stock without approval of the stockholders of the Company or (C) directly or indirectly, including through subsidiaries, Affiliates or otherwise, in one or more related transactions, the issuance of or the entering into any other instrument or transaction structured in a manner to circumvent, or that circumvents, the intent of this definition in which case this definition shall be construed and implemented in a manner otherwise than in strict conformity with the terms of this definition to the extent necessary to correct this definition or any portion of this definition which may be defective or inconsistent with the intended treatment of such instrument or transaction.

(m) **“Group”** means a “group” as that term is used in Section 13(d) of the 1934 Act and as defined in Rule 13d-5 thereunder.

(n) **“Options”** means any rights, warrants or options to subscribe for or purchase shares of Common Stock or Convertible Securities.

(o) **“Parent Entity”** of a Person means an entity that, directly or indirectly, controls the applicable Person, including such entity whose common stock or equivalent equity security is quoted or listed on an Eligible Market (or, if so elected by the Holder, any other market, exchange or quotation system), or, if there is more than one such Person or such entity, the Person or such entity designated by the Holder or in the absence of such

designation, such Person or entity with the largest public market capitalization as of the date of consummation of the Fundamental Transaction.

(p) **“Person”** means an individual, a limited liability company, a partnership, a joint venture, a corporation, a trust, an unincorporated organization, any other entity or a government or any department or agency thereof.

(q) **“Principal Market”** means the NASDAQ Global Market.

(r) **“Required Holders”** means the Holders of this Warrant representing at least a majority of shares of Common Stock underlying this Warrant then outstanding.

(s) **“SEC”** means the United States Securities and Exchange Commission or the successor thereto.

(t) **“Subject Entity”** means any Person, Persons or Group or any Affiliate or associate of any such Person, Persons or Group.

(u) **“Successor Entity”** means one or more Person or Persons (or, if so elected by the Holder, the Company or Parent Entity) formed by, resulting from or surviving any Fundamental Transaction or one or more Person or Persons (or, if so elected by the Holder, the Company or the Parent Entity) with which such Fundamental Transaction shall have been entered into.

(v) **“Trading Day”** means, as applicable, (x) with respect to all price or trading volume determinations relating to the Common Stock, any day on which the Common Stock is traded on the Principal Market, or, if the Principal Market is not the principal trading market for the Common Stock, then on the principal securities exchange or securities market on which the Common Stock is then traded, provided that “Trading Day” shall not include any day on which the Common Stock is scheduled to trade on such exchange or market for less than 4.5 hours or any day that the Common Stock is suspended from trading during the final hour of trading on such exchange or market (or if such exchange or market does not designate in advance the closing time of trading on such exchange or market, then during the hour ending at 4:00:00 p.m., New York time) or (y) with respect to all determinations other than price determinations relating to the Common Stock, any day on which The New York Stock Exchange (or any successor thereto) is open for trading of securities.

(w) **“Transaction Documents”** means any agreement entered into by and between the Company and the Holder, as applicable.

(x) **“Weighted Average Price”** means, for any security as of any date, the dollar volume-weighted average price for such security on the Principal Market during the period beginning at 9:30:01 a.m., New York time (or such other time as the Principal Market publicly announces is the official open of trading), and ending at 4:00:00 p.m., New York time (or such other time as the Principal Market publicly announces is the official close of trading), as reported by Bloomberg through its “Volume at Price” function or, if the foregoing does not apply, the dollar volume-weighted average price of such security in the over-the-counter market on the electronic bulletin board for such security during the period beginning at 9:30:01 a.m., New York time (or such other time as such market publicly announces is the official open of trading), and ending at 4:00:00 p.m., New York time (or such other time as such market publicly announces is the official close of trading), as reported by Bloomberg, or, if no dollar volume-weighted average price is reported for such security by Bloomberg for such hours, the average of the highest Closing Bid Price and the lowest closing ask price of any of the market makers for such security as reported in the OTC Link or “pink sheets” by OTC Markets Group Inc. (formerly Pink OTC Markets Inc.). If the Weighted Average Price cannot be calculated for a security on a particular date on any of the foregoing bases, the Weighted Average Price of such security on such date shall be the fair market value as mutually determined by the Company and the Holder. If the Company and the Holder are unable to agree upon the fair market value of such security, then such dispute shall be resolved pursuant to Section 13 with the term “Weighted Average Price” being substituted for the term “Exercise Price.” All such determinations shall be appropriately adjusted for any stock dividend, stock split, stock combination, reclassification or other similar transaction during the applicable calculation period.

[signature page follows]

IN WITNESS WHEREOF, the Company has caused this Warrant to Purchase Common Stock to be duly executed as of the Issuance Date set out above.

GREENLANE HOLDINGS, INC.

By:

Name:

Title:

EXHIBIT A

EXERCISE NOTICE

TO BE EXECUTED BY THE REGISTERED HOLDER TO EXERCISE THIS
WARRANT TO PURCHASE COMMON STOCK

GREENLANE HOLDINGS, INC.

The undersigned holder hereby elects to exercise the Warrant to Purchase Common Stock No. _____ (the "**Warrant**") of Greenlane Holdings, Inc., a Delaware corporation (the "**Company**") as specified below. Capitalized terms used herein and not otherwise defined shall have the respective meanings set forth in the Warrant.

1. Form of Exercise Price. The Holder intends that payment of the Aggregate Exercise Price shall be made as:

_____ a "Cash Exercise" with respect to _____ Warrant Shares; and/or

_____ a "Cashless Exercise" with respect to _____ Warrant Shares.

2. Payment of Exercise Price. In the event that the Holder has elected a Cash Exercise with respect to some or all of the Warrant Shares to be issued pursuant hereto, the Holder shall pay the Aggregate Exercise Price in the sum of \$ _____ to the Company in accordance with the terms of the Warrant.

3. Delivery of Warrant Shares. The Company shall deliver to Holder, or its designee or agent as specified below, _____ shares of Common Stock in accordance with the terms of the Warrant. Delivery shall be made to Holder, or for its benefit, as follows:

Check here if requesting delivery as a certificate to the following name and to the following address:

Issue to:

Check here if requesting delivery by Deposit/Withdrawal at Custodian as follows:

DTC Participant:

DTC Number:

Account Number:

Date: _____, _____

Name of Registered Holder

By:

Name:

Title:

Tax ID:

Facsimile:

E-mail Address:

EXHIBIT B

ACKNOWLEDGMENT

The Company hereby acknowledges this Exercise Notice and hereby directs Equiniti Trust Company, as transfer agent, to issue the above indicated number of shares of Common Stock on or prior to the applicable Share Delivery Date.

GREENLANE HOLDINGS, INC.

By:

Name:

Title:

GREENLANE HOLDINGS, INC.

Warrant To Purchase Common Stock

Warrant No.: []

Date of Issuance: August 31, 2021 (“**Issuance Date**”)

Greenlane Holdings, Inc., a Delaware corporation (the “**Company**”), hereby certifies that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, [], the registered holder hereof or its permitted assigns (the “**Holder**”), is entitled, subject to the terms set forth below, to purchase from the Company, at the Exercise Price (as defined below) then in effect, upon exercise of this Warrant to Purchase Common Stock (including any Warrants to purchase Common Stock issued in exchange, transfer or replacement hereof, the “**Warrant**”), at any time or times on or after the Issuance Date, but not after 11:59 p.m., New York time, on the Expiration Date (as defined below), [] (subject to adjustment as provided herein) fully paid and non-assessable shares of Common Stock (as defined below) (the “**Warrant Shares**”, and such number of Warrant Shares, the “**Warrant Number**”). Except as otherwise defined herein, capitalized terms in this Warrant shall have the meanings set forth in Section 20. This Warrant is being issued as a replacement for the warrant, dated February 10, 2020 (the “**Prior Warrant**”) issued pursuant to the Securities Purchase Agreement, dated as of February 6, 2020, issued to the Holder by KushCo Holdings, Inc. (“**KushCo**”) in accordance with Section 4(b) of the Prior Warrant and pursuant to the terms of the Agreement and Plan of Merger, dated March 31, 2021, by and among the Company, Merger Sub Gotham 1, LLC, Merger Sub Gotham 2, LLC and KushCo. As of the date hereof the Prior Warrant shall be of no further force and effect. The Company has registered the issuance of the Warrant Shares on its Registration Statement on Form S-4 (File number 333-256582) (as amended from time to time, the “**Registration Statement**”).

1. EXERCISE OF WARRANT.

(a) Mechanics of Exercise. Subject to the terms and conditions hereof (including, without limitation, the limitations set forth in Section 1(f)), this Warrant may be exercised by the Holder on any day on or after the Issuance Date (an “**Exercise Date**”), in whole or in part, by delivery (whether via facsimile or otherwise) of a written notice, in the form attached hereto as Exhibit A (the “**Exercise Notice**”), of the Holder’s election to exercise this Warrant. Within one (1) Trading Day following the delivery of the Exercise Notice, the Holder shall deliver payment to the Company of an amount equal to the Exercise Price in effect on the date of such exercise multiplied by the number of Warrant Shares as to which this Warrant was so exercised (the “**Aggregate Exercise Price**”) in cash or via wire transfer of immediately available funds if the Holder did not notify the Company in such Exercise Notice that such exercise was made pursuant to a Cashless Exercise (as defined in Section 1(d)). The Holder shall not be required to deliver the original of this Warrant in order to effect an exercise hereunder nor shall any ink-original signature or medallion guarantee (or other type of guarantee or notarization) with respect to any Exercise Notice be required. Execution and delivery of an Exercise Notice with respect to less than all of the Warrant Shares shall have the same effect as cancellation of the original of this Warrant and issuance of a new Warrant evidencing the right to purchase the remaining number of Warrant Shares. Execution and delivery of an Exercise Notice for all of the then-remaining Warrant Shares shall have the same effect as cancellation of the original of this Warrant after delivery of the Warrant Shares in accordance with the terms hereof. On or before the first (1st) Trading Day following the date on which the Company has received an Exercise Notice, the Company shall transmit by facsimile or electronic mail an acknowledgment of confirmation of receipt of such Exercise Notice, in the form attached hereto as Exhibit B, to the Holder and the Company’s transfer agent (the “**Transfer Agent**”), which confirmation shall constitute an instruction to the Transfer Agent to process such Exercise Notice in accordance with the terms herein. So long as the Holder delivers the Aggregate Exercise Price (or notice of a Cashless Exercise) on or prior to the first (1st) Trading Day following the date on which the Exercise Notice has been delivered to the Company, then on or prior to the second (2nd) Trading Day following the date on which the Exercise Notice has been delivered to the Company, or, if the Holder does not deliver the Aggregate Exercise Price (or notice of a Cashless Exercise) on or prior to the first (1st) Trading Day following the date on which the Exercise Notice has been delivered to the Company, then on or prior to the first (1st) Trading Day following the date on which the Aggregate Exercise Price (or notice of a Cashless Exercise) is delivered (the “**Share Delivery Deadline**”), the Company shall (i) provided that

the Transfer Agent is participating in The Depository Trust Company (“DTC”) Fast Automated Securities Transfer Program, upon the request of the Holder, credit such aggregate number of shares of Common Stock to which the Holder is entitled pursuant to such exercise to the Holder’s or its designee’s balance account with DTC through its Deposit/Withdrawal at Custodian system, or (ii) if the Transfer Agent is not participating in the DTC Fast Automated Securities Transfer Program, upon the request of the Holder, issue and deliver (via reputable overnight courier) to the address as specified in the Exercise Notice, a certificate, registered in the name of the Holder or its designee, for the number of shares of Common Stock to which the Holder shall be entitled pursuant to such exercise. The Company shall be responsible for all fees and expenses of the Transfer Agent and all fees and expenses with respect to the issuance of Warrant Shares via DTC, if any, including without limitation for same day processing. Upon delivery of an Exercise Notice, the Holder shall be deemed for all corporate purposes to have become the holder of record of the Warrant Shares with respect to which this Warrant has been exercised, irrespective of the date such Warrant Shares are credited to the Holder’s DTC account or the date of delivery of the certificates evidencing such Warrant Shares (as the case may be). If this Warrant is submitted in connection with any exercise pursuant to this Section 1(a) and the number of Warrant Shares represented by this Warrant submitted for exercise is greater than the number of Warrant Shares being acquired upon an exercise and upon surrender of this Warrant to the Company by the Holder, then, at the request of the Holder, the Company shall as soon as practicable and in no event later than two (2) Business Days after any exercise and at its own expense, issue and deliver to the Holder (or its designee) a new Warrant (in accordance with Section 7(d)) representing the right to purchase the number of Warrant Shares purchasable immediately prior to such exercise under this Warrant, less the number of Warrant Shares with respect to which this Warrant is exercised. No fractional shares of Common Stock are to be issued upon the exercise of this Warrant, but rather the number of shares of Common Stock to be issued shall be rounded up to the nearest whole number. The Company shall pay any and all transfer, stamp, issuance and similar taxes, costs and expenses (including, without limitation, fees and expenses of the Transfer Agent) that may be payable with respect to the issuance and delivery of Warrant Shares upon exercise of this Warrant. From the Issuance Date through and including the Expiration Date, the Company shall maintain a transfer agent that participates in the DTC’s Fast Automated Securities Transfer Program. The Company’s obligations to issue and deliver Warrant Shares in accordance with the terms and subject to the conditions hereof are absolute and unconditional, irrespective of any action or inaction by the Holder to enforce the same, any waiver or consent with respect to any provision hereof, the recovery of any judgment against any Person or any action to enforce the same, or any setoff, counterclaim, recoupment, limitation or termination; provided, however, that the Company shall not be required to deliver Warrant Shares with respect to an exercise prior to the Holder’s delivery of the Aggregate Exercise Price (or notice of a Cashless Exercise) with respect to such exercise.

(b) Exercise Price. For purposes of this Warrant, “**Exercise Price**” means \$6.64, subject to adjustment as provided herein.

(c) Company’s Failure to Timely Deliver Securities. If the Company shall fail, for any reason or for no reason, on or prior to the Share Delivery Deadline, either (I) if the Transfer Agent is not participating in the DTC Fast Automated Securities Transfer Program, to issue and deliver to the Holder (or its designee) a certificate for the number of Warrant Shares to which the Holder is entitled and register such Warrant Shares on the Company’s share register or, if the Transfer Agent is participating in the DTC Fast Automated Securities Transfer Program, to credit the balance account of the Holder or the Holder’s designee with DTC for such number of Warrant Shares to which the Holder is entitled upon the Holder’s exercise of this Warrant (as the case may be) or (II) if the Registration Statement (or prospectus contained therein) covering the issuance of the Warrant Shares that are the subject of the Exercise Notice (the “**Unavailable Warrant Shares**”) is not available for the issuance of such Unavailable Warrant Shares and the Company fails to promptly (x) so notify the Holder and (y) deliver the Warrant Shares electronically without any restrictive legend by crediting such aggregate number of Warrant Shares to which the Holder is entitled pursuant to such exercise to the Holder’s or its designee’s balance account with DTC through its Deposit/Withdrawal At Custodian system (the event described in the immediately foregoing clause (II) is hereinafter referred to as a “**Notice Failure**” and together with the event described in clause (I) above, a “**Delivery Failure**”), and if on or after such Share Delivery Deadline the Holder purchases (in an open market transaction or otherwise) shares of Common Stock to deliver in satisfaction of a sale by the Holder of all or any portion of the number of shares of Common Stock issuable upon such exercise that the Holder is entitled to receive from the Company (a “**Buy-In**”), then, in addition to all other remedies available to the Holder, the Company shall, within three (3) Business Days after the Holder’s request and in the Holder’s discretion, either (i) pay cash to the Holder in an amount equal to the Holder’s total purchase price (including brokerage commissions and other out-of-pocket expenses, if any) for the

shares of Common Stock so purchased (including, without limitation, by any other Person in respect, or on behalf, of the Holder) (the "**Buy-In Price**"), at which point the Company's obligation to so issue and deliver such certificate (and to issue such shares of Common Stock) or credit the balance account of such Holder or such Holder's designee, as applicable, with DTC for the number of Warrant Shares to which the Holder is entitled upon the Holder's exercise hereunder (as the case may be) (and to issue such Warrant Shares) shall terminate, or (ii) promptly honor its obligation to so issue and deliver to the Holder a certificate or certificates representing such Warrant Shares or credit the balance account of such Holder or such Holder's designee, as applicable, with DTC for the number of Warrant Shares to which the Holder is entitled upon the Holder's exercise hereunder (as the case may be) and pay cash to the Holder in an amount equal to the excess (if any) of the Buy-In Price over the product of (A) such number of Warrant Shares multiplied by (B) the lowest Closing Sale Price of the Common Stock on any Trading Day during the period commencing on the date of the applicable Exercise Notice and ending on the date of such issuance and payment under this clause (ii) (the "**Buy-In Payment Amount**"). Nothing shall limit the Holder's right to pursue any other remedies available to it hereunder, at law or in equity, including, without limitation, a decree of specific performance and/or injunctive relief with respect to the Company's failure to timely deliver certificates representing shares of Common Stock (or to electronically deliver such shares of Common Stock) upon the exercise of this Warrant as required pursuant to the terms hereof. Additionally, if the Company fails for any reason to deliver to the Holder the Warrant Shares subject to an Exercise Notice by the Share Delivery Deadline, the Company shall pay to the Holder, in cash, as liquidated damages and not as a penalty, for each \$1,000 of Warrant Shares subject to such exercise (based on the Weighted Average Price of the Common Stock on the date of the applicable Notice of Exercise), \$10 per Trading Day (increasing to \$20 per Trading Day on the fifth Trading Day after such liquidated damages begin to accrue) for each Trading Day after such Share Delivery Deadline until such Warrant Shares are delivered or Holder rescinds such exercise. In addition to the foregoing rights, (i) if the Company fails to deliver the applicable number of Warrant Shares upon an exercise pursuant to Section 1 by the applicable Share Delivery Date, then the Holder shall have the right to rescind such exercise in whole or in part and retain and/or have the Company return, as the case may be, any portion of this Warrant that has not been exercised pursuant to such Exercise Notice; provided that the rescission of an exercise shall not affect the Company's obligation to make any payments that have accrued prior to the date of such notice pursuant to this Section 1(c) or otherwise, and (ii) if a registration statement (which may be the Registration Statement) covering the issuance or resale of the Warrant Shares that are subject to an Exercise Notice is not available for the issuance or resale, as applicable, of such Exercise Notice Warrant Shares and the Holder has submitted an Exercise Notice prior to receiving notice of the non-availability of such registration statement and the Company has not already delivered the Warrant Shares underlying such Exercise Notice electronically without any restrictive legend by crediting such aggregate number of Warrant Shares to which the Holder is entitled pursuant to such exercise to the Holder's or its designee's balance account with DTC through its Deposit / Withdrawal At Custodian system, the Holder shall have the option, by delivery of notice to the Company, to (x) rescind such Exercise Notice in whole or in part and retain or have returned, as the case may be, any portion of this Warrant that has not been exercised pursuant to such Exercise Notice; provided that the rescission of an Exercise Notice shall not affect the Company's obligation to make any payments that have accrued prior to the date of such notice pursuant to this Section 1(c) or otherwise, and/or (y) switch some or all of such Exercise Notice from a cash exercise to a Cashless Exercise.

(d) Cashless Exercise. Notwithstanding anything contained herein to the contrary (other than Section 1(f) below), if at the time of exercise hereof the Registration Statement is not effective (or the prospectus contained therein is not available for use) for the issuance of all of the Warrant Shares, then the Holder may only exercise this Warrant in whole or in part, at such time by means of a cashless exercise in which the Holder shall be entitled to receive upon such exercise the "Net Number" of Warrant Shares determined according to the following formula (a "**Cashless Exercise**"):

$$\text{Net Number} = \frac{(A \times B) - (A \times C)}{D}$$

For purposes of the foregoing formula:

A= the total number of shares with respect to which this Warrant is then being exercised.

B = the quotient of (x) the sum of the Weighted Average Price of the Common Stock of each of the three (3) Trading Days ending at the close of business on the Principal Market immediately prior to the time of exercise as set forth in the applicable Exercise Notice, divided by (y) three (3).

C = the Exercise Price then in effect for the applicable Warrant Shares at the time of such exercise.

D = as applicable: (i) the Closing Sale Price of the Common Stock on the Trading Day immediately preceding the date of the applicable Exercise Notice if such Exercise Notice is (1) both executed and delivered pursuant to Section 1(d) hereof on a day that is not a Trading Day or (2) both executed and delivered pursuant to Section 1(d) hereof on a Trading Day prior to the opening of "regular trading hours" (as defined in Rule 600(b)(68) of Regulation NMS promulgated under the federal securities laws) on such Trading Day, (ii) the Bid Price of the Common Stock as of the time of the Holder's execution of the applicable Exercise Notice if such Exercise Notice is executed during "regular trading hours" on a Trading Day and is delivered within two (2) hours thereafter pursuant to Section 1(d) hereof, or (iii) the Closing Sale Price of the Common Stock on the date of the applicable Exercise Notice if the date of such Exercise Notice is a Trading Day and such Exercise Notice is both executed and delivered pursuant to Section 1(d) hereof after the close of "regular trading hours" on such Trading Day.

If the Warrant Shares are issued in a Cashless Exercise, the parties acknowledge and agree that in accordance with Section 3(a)(9) of the 1933 Act, the Warrant Shares take on the registered characteristics of the Warrants being exercised. For purposes of Rule 144(d) promulgated under the 1933 Act, as in effect on the Issuance Date, it is intended that the Warrant Shares issued in a Cashless Exercise shall be deemed to have been acquired by the Holder, and the holding period for the Warrant Shares shall be deemed to have commenced, on the date this Warrant was originally issued pursuant to the Securities Purchase Agreement.

(e) Disputes. In the case of a dispute as to the determination of the Exercise Price or the arithmetic calculation of the number of Warrant Shares to be issued pursuant to the terms hereof, the Company shall promptly issue to the Holder the number of Warrant Shares that are not disputed and resolve such dispute in accordance with Section 13.

(f) Limitations on Exercises. The Company shall not effect the exercise of any portion of this Warrant, and the Holder shall not have the right to exercise any portion of this Warrant, pursuant to the terms and conditions of this Warrant and any such exercise shall be null and void and treated as if never made, to the extent that after giving effect to such exercise, the Holder together with the other Attribution Parties collectively would beneficially own in excess of 4.99% (the "**Maximum Percentage**") of the shares of Common Stock outstanding immediately after giving effect to such exercise. For purposes of the foregoing sentence, the aggregate number of shares of Common Stock beneficially owned by the Holder and the other Attribution Parties shall include the number of shares of Common Stock held by the Holder and all other Attribution Parties plus the number of shares of Common Stock issuable upon exercise of this Warrant with respect to which the determination of such sentence is being made, but shall exclude shares of Common Stock which would be issuable upon (A) exercise of the remaining, unexercised portion of this Warrant beneficially owned by the Holder or any of the other Attribution Parties and (B) exercise or conversion of the unexercised or unconverted portion of any other securities of the Company (including, without limitation, any convertible notes or convertible preferred stock or warrants, including other Registered Warrants) beneficially owned by the Holder or any other Attribution Party subject to a limitation on conversion or exercise analogous to the limitation contained in this Section 1(f)(i). For purposes of this Section 1(f)(i), beneficial ownership shall be calculated in accordance with Section 13(d) of the 1934 Act. For purposes of determining the number of outstanding shares of Common Stock the Holder may acquire upon the exercise of this Warrant without exceeding the Maximum Percentage, the Holder may rely on the number of outstanding shares of Common Stock as reflected in (x) the Company's most recent Annual Report on Form 10-K, Quarterly Report on Form 10-Q, Current Report on Form 8-K or other public filing with the SEC, as the case may be, (y) a more recent public announcement by the Company or (z) any other written notice by the Company or the Transfer Agent, if any, setting forth the number of shares of Common Stock outstanding (the "**Reported Outstanding Share Number**"). If the Company receives an Exercise Notice from the Holder at a time when the actual number of outstanding shares of Common Stock is less than the Reported Outstanding Share Number, the Company shall (i) notify the Holder in writing of the number of shares of Common Stock then outstanding and, to the extent that such Exercise Notice

would otherwise cause the Holder's beneficial ownership, as determined pursuant to this Section 1(f)(i), to exceed the Maximum Percentage, the Holder must notify the Company of a reduced number of Warrant Shares to be acquired pursuant to such Exercise Notice (the number of shares by which such purchase is reduced, the "**Reduction Shares**") and (ii) as soon as reasonably practicable, the Company shall return to the Holder any exercise price paid by the Holder for the Reduction Shares. For any reason at any time, upon the written or oral request of the Holder, the Company shall within one (1) Business Day confirm orally and in writing or by electronic mail to the Holder the number of shares of Common Stock then outstanding. In any case, the number of outstanding shares of Common Stock shall be determined after giving effect to the conversion or exercise of securities of the Company, including this Warrant, by the Holder and any other Attribution Party since the date as of which the Reported Outstanding Share Number was reported. In the event that the issuance of shares of Common Stock to the Holder upon exercise of this Warrant results in the Holder and the other Attribution Parties being deemed to beneficially own, in the aggregate, more than the Maximum Percentage of the number of outstanding shares of Common Stock (as determined under Section 13(d) of the 1934 Act), the number of shares so issued by which the Holder's and the other Attribution Parties' aggregate beneficial ownership exceeds the Maximum Percentage (the "**Excess Shares**") shall be deemed null and void and shall be cancelled ab initio, and the Holder shall not have the power to vote or to transfer the Excess Shares. As soon as reasonably practicable after the issuance of the Excess Shares has been deemed null and void, the Company shall return to the Holder the exercise price paid by the Holder for the Excess Shares. Upon delivery of a written notice to the Company, the Holder may from time to time increase (with such increase not effective until the sixty-first (61st) day after delivery of such notice) or decrease the Maximum Percentage to any other percentage not in excess of 9.99% as specified in such notice; provided that (i) any such increase in the Maximum Percentage will not be effective until the sixty-first (61st) day after such notice is delivered to the Company and (ii) any such increase or decrease will apply only to the Holder and the other Attribution Parties and not to any other holder of Registered Warrants that is not an Attribution Party of the Holder. For purposes of clarity, the shares of Common Stock issuable pursuant to the terms of this Warrant in excess of the Maximum Percentage shall not be deemed to be beneficially owned by the Holder for any purpose including for purposes of Section 13(d) or Rule 16a-1(a)(1) of the 1934 Act. No prior inability to exercise this Warrant pursuant to this paragraph shall have any effect on the applicability of the provisions of this paragraph with respect to any subsequent determination of exercisability. The provisions of this paragraph shall be construed and implemented in a manner otherwise than in strict conformity with the terms of this Section 1(f)(i) to the extent necessary to correct this paragraph or any portion of this paragraph which may be defective or inconsistent with the intended beneficial ownership limitation contained in this Section 1(f)(i) or to make changes or supplements necessary or desirable to properly give effect to such limitation. The limitation contained in this paragraph may not be waived and shall apply to a successor holder of this Warrant.

(g) Reservation of Shares.

(i) Required Reserve Amount. So long as this Warrant remains outstanding, the Company shall at all times keep reserved for issuance under this Warrant a number of shares of Common Stock at least equal to 100% of the maximum number of shares of Common Stock as shall be necessary to satisfy the Company's obligation to issue shares of Common Stock under the Registered Warrants then outstanding (without regard to any limitations on exercise) (the "**Required Reserve Amount**"); provided that at no time shall the number of shares of Common Stock reserved pursuant to this Section 1(g)(i) be reduced other than proportionally in connection with any exercise or redemption of Registered Warrants or such other event covered by Section 2(a) below. The Required Reserve Amount (including, without limitation, each increase in the number of shares so reserved) shall be allocated pro rata among the holders of the Registered Warrants based on number of shares of Common Stock issuable upon exercise of Registered Warrants held by each holder on the date of Closing (without regard to any limitations on exercise) or increase in the number of reserved shares, as the case may be (the "**Authorized Share Allocation**"). In the event that a holder shall sell or otherwise transfer any of such holder's Registered Warrants, each transferee shall be allocated a pro rata portion of such holder's Authorized Share Allocation. Any shares of Common Stock reserved and allocated to any Person which ceases to hold any Registered Warrants shall be allocated to the remaining holders of Registered Warrants, pro rata based on the number of shares of Common Stock issuable upon exercise of the Registered Warrants then held by such holders (without regard to any limitations on exercise).

(i i) Insufficient Authorized Shares. If, notwithstanding Section 1(g)(i) above, and not in limitation thereof, at any time while any of the Registered Warrants remain outstanding, the Company does not have a sufficient number of authorized and unreserved shares of Common Stock to satisfy its obligation to reserve the Required Reserve Amount (an “**Authorized Share Failure**”), then the Company shall immediately take all action necessary to increase the Company’s authorized shares of Common Stock to an amount sufficient to allow the Company to reserve the Required Reserve Amount for all the Registered Warrants then outstanding. Without limiting the generality of the foregoing sentence, as soon as practicable after the date of the occurrence of an Authorized Share Failure, but in no event later than sixty (60) days after the occurrence of such Authorized Share Failure, the Company shall hold a meeting of its stockholders for the approval of an increase in the number of authorized shares of Common Stock. In connection with such meeting, the Company shall provide each stockholder with a proxy statement and shall use its best efforts to solicit its stockholders’ approval of such increase in authorized shares of Common Stock and to cause its board of directors to recommend to the stockholders that they approve such proposal. Notwithstanding the foregoing, if any such time of an Authorized Share Failure, the Company is able to obtain the written consent of a majority of the shares of its issued and outstanding shares of Common Stock to approve the increase in the number of authorized shares of Common Stock, the Company may satisfy this obligation by obtaining such consent and submitting for filing with the SEC an Information Statement on Schedule 14C.

2. ADJUSTMENT OF EXERCISE PRICE AND NUMBER OF WARRANT SHARES.

(a) Adjustment Upon Subdivision or Combination of Common Stock. The Exercise Price and number of Warrant Shares issuable upon exercise of this Warrant are subject to adjustment from time to time as set forth in this Section 2. If the Company, at any time on or after the Issuance Date, (i) pays a stock dividend on one or more classes of its then outstanding shares of Common Stock or otherwise makes a distribution on any class of capital stock that is payable in shares of Common Stock, (ii) subdivides (by any stock split, stock dividend, recapitalization or otherwise) one or more classes of its then outstanding shares of Common Stock into a larger number of shares or (iii) combines (by combination, reverse stock split or otherwise) one or more classes of its then outstanding shares of Common Stock into a smaller number of shares, then in each such case the Exercise Price shall be multiplied by a fraction of which the numerator shall be the number of shares of Common Stock outstanding immediately before such event and of which the denominator shall be the number of shares of Common Stock outstanding immediately after such event. Any adjustment made pursuant to clause (i) of this paragraph shall become effective immediately after the record date for the determination of stockholders entitled to receive such dividend or distribution, and any adjustment pursuant to clause (ii) or (iii) of this paragraph shall become effective immediately after the effective date of such subdivision or combination. If any event requiring an adjustment under this paragraph occurs during the period that an Exercise Price is calculated hereunder, then the calculation of such Exercise Price shall be adjusted appropriately to reflect such event.

(b) Number of Warrant Shares. Simultaneously with any adjustment to the Exercise Price pursuant to Section 2, the number of Warrant Shares that may be purchased upon exercise of this Warrant shall be increased or decreased proportionately, so that after such adjustment the aggregate Exercise Price payable hereunder for the adjusted number of Warrant Shares shall be the same as the aggregate Exercise Price in effect immediately prior to such adjustment (without regard to any limitations on exercise contained herein).

3 . RIGHTS UPON DISTRIBUTION OF ASSETS. In addition to any adjustments pursuant to Section 2 above, if, on or after the Issuance Date and on or prior to the Expiration Date, the Company shall declare or make any dividend or other distribution of its assets (or rights to acquire its assets) to holders of shares of Common Stock, by way of return of capital or otherwise (including, without limitation, any distribution of cash, stock or other securities, property, options, evidence of indebtedness or any other assets by way of a dividend, spin off, reclassification, corporate rearrangement, scheme of arrangement or other similar transaction) (a “**Distribution**”), at any time after the issuance of this Warrant, then, in each such case, the Holder shall be entitled to participate in such Distribution to the same extent that the Holder would have participated therein if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations or restrictions on exercise of this Warrant, including without limitation, the Maximum Percentage) immediately before the date of which a record is taken for such Distribution, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the participation in such Distribution (provided,

however, that to the extent that the Holder's right to participate in any such Distribution would result in the Holder and the other Attribution Parties exceeding the Maximum Percentage, then the Holder shall not be entitled to participate in such Distribution to such extent (and shall not be entitled to beneficial ownership of such shares of Common Stock as a result of such Distribution (and beneficial ownership) to such extent) and the portion of such Distribution shall be held in abeyance for the benefit of the Holder until such time or times as its right thereto would not result in the Holder and the other Attribution Parties exceeding the Maximum Percentage, at which time or times the Holder shall be granted such Distribution (and any Distributions declared or made on such initial Distribution or on any subsequent Distribution held similarly in abeyance) to the same extent as if there had been no such limitation).

4. PURCHASE RIGHTS: FUNDAMENTAL TRANSACTIONS.

(a) Purchase Rights. In addition to any adjustments pursuant to Section 2 above, if at any time on or after the Issuance Date and on or prior to the Expiration Date the Company grants, issues or sells any Options, Convertible Securities or rights to purchase stock, warrants, securities or other property pro rata to the record holders of any class of Common Stock (the "**Purchase Rights**"), then the Holder will be entitled to acquire, upon the terms applicable to such Purchase Rights, the aggregate Purchase Rights which the Holder could have acquired if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations or restrictions on exercise of this Warrant, including without limitation, the Maximum Percentage) immediately before the date on which a record is taken for the grant, issuance or sale of such Purchase Rights, or, if no such record is taken, the date as of which the record holders of Common Stock are to be determined for the grant, issuance or sale of such Purchase Rights (provided, however, that to the extent that the Holder's right to participate in any such Purchase Right would result in the Holder and the other Attribution Parties exceeding the Maximum Percentage, then the Holder shall not be entitled to participate in such Purchase Right to such extent (and shall not be entitled to beneficial ownership of such Common Stock as a result of such Purchase Right (and beneficial ownership) to such extent) and such Purchase Right to such extent shall be held in abeyance for the benefit of the Holder until such time or times as its right thereto would not result in the Holder and the other Attribution Parties exceeding the Maximum Percentage, at which time or times the Holder shall be granted such right (and any Purchase Right granted, issued or sold on such initial Purchase Right or on any subsequent Purchase Right to be held similarly in abeyance) to the same extent as if there had been no such limitation).

(b) Fundamental Transactions. The Company shall not enter into or be party to a Fundamental Transaction unless the Successor Entity assumes in writing, pursuant to written agreements in form and substance satisfactory to the Required Holders, all of the obligations of the Company under this Warrant and all other Transaction Documents in accordance with the provisions of this Section 4(b), including agreements to deliver to the Holder in exchange for this Warrant a security of the Successor Entity evidenced by a written instrument substantially similar in form and substance to this Warrant, but which is exercisable for a corresponding number of shares of capital stock equivalent to the shares of Common Stock issuable upon exercise of this Warrant (without regard to any limitations on the exercise of this Warrant) prior to such Fundamental Transaction, and with an exercise price which applies the exercise price hereunder to such shares of capital stock (taking into account the relative value of the shares of Common Stock pursuant to such Fundamental Transaction and the value of such shares of capital stock, such adjustments to the number of shares of capital stock and such exercise price being for the purpose of protecting the economic value of this Warrant immediately prior to the consummation of such Fundamental Transaction). Upon the consummation of each Fundamental Transaction, the Successor Entity shall succeed to, and be substituted for the Company (so that from and after the date of such Fundamental Transaction, each and every provision of this Warrant referring to the "Company" shall instead refer to the Successor Entity), and the Successor Entity may exercise every prior right and power of the Company and shall assume all prior obligations of the Company under this Warrant with the same effect as if the Successor Entity had been named as the Company in this Warrant. On or prior to the consummation of each Fundamental Transaction, the Successor Entity shall deliver to the Holder confirmation that there shall be issued upon exercise of this Warrant at any time after the consummation of the Fundamental Transaction, in lieu of the shares of Common Stock (or other securities, cash, assets or other property purchasable upon the exercise of this Warrant prior to such Fundamental Transaction), such shares of stock, securities, cash, assets or any other property whatsoever (including warrants or other purchase or subscription rights), which for purposes of clarification may continue to be shares of Common Stock, if any, that the Holder would have been entitled to receive upon the happening of such Fundamental Transaction or the record, eligibility or other determination date for the event resulting in such Fundamental Transaction, had this Warrant

been exercised immediately prior to such Fundamental Transaction or the record, eligibility or other determination date for the event resulting in such Fundamental Transaction (without regard to any limitations on the exercise of this Warrant), as adjusted in accordance with the provisions of this Warrant. Notwithstanding the foregoing, and without limiting the provisions of Section 1(g) hereof, the Holder may elect, at its sole discretion, by delivery of a written notice to the Company, to permit a Fundamental Transaction without the required assumption of this Warrant. In addition to and not in substitution for any other rights hereunder, prior to the consummation of any Fundamental Transaction pursuant to which holders of Common Stock are entitled to receive securities, cash, assets or other property with respect to or in exchange for Common Stock (a “**Corporate Event**”), the Company shall make appropriate provision to ensure that, and any applicable Successor Entity shall ensure that, the Holder will thereafter have the right to receive upon exercise of this Warrant at any time after the consummation of the Corporate Event, shares of Common Stock or capital stock of the Successor Entity or, if so elected by the Holder, in lieu of the shares of Common Stock (or other securities, cash, assets or other property) (except such items still issuable under Sections 3 and 4(a), which shall continue to be receivable thereafter) issuable upon exercise of this Warrant prior to such Corporate Event, such shares of stock, securities, cash, assets or any other property whatsoever (including warrants or other purchase or subscription rights) which the Holder would have been entitled to receive upon the consummation of such Corporate Event or the record, eligibility or other determination date for the event resulting in such Corporate Event, had this Warrant been exercised immediately prior to such Corporate Event or the record, eligibility or other determination date for the event resulting in such Corporate Event (without regard to any limitations on exercise of this Warrant). Provision made pursuant to the preceding sentence shall be in a form and substance reasonably satisfactory to the Holder. The provisions of this Section 4(b) shall apply similarly and equally to successive Fundamental Transactions and Corporate Events.

5. NONCIRCUMVENTION. The Company hereby covenants and agrees that the Company will not, by amendment of its Articles of Incorporation, as amended, bylaws or through any reorganization, transfer of assets, consolidation, merger, scheme of arrangement, dissolution, issuance or sale of securities, or any other voluntary action, avoid or seek to avoid the observance or performance of any of the terms of this Warrant, and will at all times in good faith carry out all the provisions of this Warrant and take all action as may be required to protect the rights of the Holder. Without limiting the generality of the foregoing, the Company (a) shall not increase the par value of any shares of Common Stock receivable upon the exercise of this Warrant above the Exercise Price then in effect, (b) shall take all such actions as may be necessary or appropriate in order that the Company may validly and legally issue fully paid and non-assessable shares of Common Stock upon the exercise of this Warrant and (c) shall, so long as any of the Warrants are outstanding, take all action necessary to reserve and keep available out of its authorized and unissued shares of Common Stock, solely for the purpose of effecting the exercise of the Warrants, the number of shares of Common Stock as shall from time to time be necessary to effect the exercise of the Warrants then outstanding (without regard to any limitations on exercise). Notwithstanding anything herein to the contrary, if after the sixty (60) calendar day anniversary of the Issuance Date, the Holder is not permitted to exercise this Warrant in full for any reason (other than pursuant to restrictions set forth in Section 1(f) hereof), the Company shall use its reasonable best efforts to promptly remedy such failure, including, without limitation, obtaining such consents or approvals as necessary to permit such exercise into shares of Common Stock

6. WARRANT HOLDER NOT DEEMED A STOCKHOLDER. Except as otherwise specifically provided herein, the Holder, solely in its capacity as a holder of this Warrant, shall not be entitled to vote or receive dividends or be deemed the holder of share capital of the Company for any purpose, nor shall anything contained in this Warrant be construed to confer upon the Holder, solely in its capacity as the Holder of this Warrant, any of the rights of a stockholder of the Company or any right to vote, give or withhold consent to any corporate action (whether any reorganization, issue of stock, reclassification of stock, consolidation, merger, conveyance or otherwise), receive notice of meetings, receive dividends or subscription rights, or otherwise, prior to the issuance to the Holder of the Warrant Shares which it is then entitled to receive upon the due exercise of this Warrant. In addition, nothing contained in this Warrant shall be construed as imposing any liabilities on the Holder to purchase any securities (upon exercise of this Warrant or otherwise) or as a stockholder of the Company, whether such liabilities are asserted by the Company or by creditors of the Company. Notwithstanding this Section 6, the Company shall provide the Holder with copies of the same notices and other information given to the stockholders of the Company generally, contemporaneously with the giving thereof to the stockholders.

7. REISSUANCE OF WARRANTS.

(a) Transfer of Warrant. If this Warrant is to be transferred, the Holder shall surrender this Warrant to the Company, whereupon the Company will forthwith issue and deliver upon the order of the Holder a new Warrant (in accordance with Section 7(d)), registered as the Holder may request, representing the right to purchase the number of Warrant Shares being transferred by the Holder and, if less than the total number of Warrant Shares then underlying this Warrant is being transferred, a new Warrant (in accordance with Section 7(d)) to the Holder representing the right to purchase the number of Warrant Shares not being transferred.

(b) Lost, Stolen or Mutilated Warrant. Upon receipt by the Company of evidence reasonably satisfactory to the Company of the loss, theft, destruction or mutilation of this Warrant (as to which a written certification and the indemnification contemplated below shall suffice as such evidence), and, in the case of loss, theft or destruction, of any indemnification undertaking by the Holder to the Company in customary and reasonable form (but without the obligation to post a bond) and, in the case of mutilation, upon surrender and cancellation of this Warrant, the Company shall execute and deliver to the Holder a new Warrant (in accordance with Section 7(d)) representing the right to purchase the Warrant Shares then underlying this Warrant.

(c) Exchangeable for Multiple Warrants. This Warrant is exchangeable, upon the surrender hereof by the Holder at the principal office of the Company, for a new Warrant or Warrants (in accordance with Section 7(d)) representing in the aggregate the right to purchase the number of Warrant Shares then underlying this Warrant, and each such new Warrant will represent the right to purchase such portion of such Warrant Shares as is designated by the Holder at the time of such surrender; provided, however, no warrants for fractional shares of Common Stock shall be given.

(d) Issuance of New Warrants. Whenever the Company is required to issue a new Warrant pursuant to the terms of this Warrant, such new Warrant (i) shall be of like tenor with this Warrant, (ii) shall represent, as indicated on the face of such new Warrant, the right to purchase the Warrant Shares then underlying this Warrant (or in the case of a new Warrant being issued pursuant to Section 7(a) or Section 7(c), the Warrant Shares designated by the Holder which, when added to the number of shares of Common Stock underlying the other new Warrants issued in connection with such issuance, does not exceed the number of Warrant Shares then underlying this Warrant), (iii) shall have an issuance date, as indicated on the face of such new Warrant which is the same as the Issuance Date, and (iv) shall have the same rights and conditions as this Warrant.

8. NOTICES. Whenever notice is required to be given under this Warrant, unless otherwise provided herein, such notice shall be given in accordance with Section 3.3 of the Securities Purchase Agreement. The Company shall provide the Holder with prompt written notice of all actions taken pursuant to this Warrant (other than the issuance of shares of Common Stock upon exercise in accordance with the terms hereof), including in reasonable detail a description of such action and the reason therefor. Without limiting the generality of the foregoing, the Company will give written notice to the Holder (i) immediately upon each adjustment of the Exercise Price and the number of Warrant Shares, setting forth in reasonable detail, and certifying, the calculation of such adjustment(s) and (ii) at least ten Trading Days prior to the date on which the Company closes its books or takes a record (A) with respect to any dividend or distribution upon the shares of Common Stock, (B) with respect to any grants, issuances or sales of any Options, Convertible Securities or rights to purchase stock, warrants, securities or other property to holders of shares of Common Stock or (C) for determining rights to vote with respect to any Fundamental Transaction, dissolution or liquidation; provided in each case that such information shall be made known to the public prior to or in conjunction with such notice being provided to the Holder. It is expressly understood and agreed that the time of exercise specified by the Holder in each Exercise Notice shall be definitive and may not be disputed or challenged by the Company.

9. AMENDMENT AND WAIVER. Except as otherwise provided herein, the provisions of this Warrant (other than Section 1(f)) may be amended and the Company may take any action herein prohibited, or omit to perform any act herein required to be performed by it, only if the Company has obtained the written consent of the Holder. No waiver shall be effective unless it is in writing and signed by an authorized representative of the waiving party.

10. SEVERABILITY. If any provision of this Warrant is prohibited by law or otherwise determined to be invalid or unenforceable by a court of competent jurisdiction, the provision that would otherwise be prohibited, invalid or unenforceable shall be deemed amended to apply to the broadest extent that it would be valid and enforceable, and the invalidity or unenforceability of such provision shall not affect the validity of the remaining

provisions of this Warrant so long as this Warrant as so modified continues to express, without material change, the original intentions of the parties as to the subject matter hereof and the prohibited nature, invalidity or unenforceability of the provision(s) in question does not substantially impair the respective expectations or reciprocal obligations of the parties or the practical realization of the benefits that would otherwise be conferred upon the parties. The parties will endeavor in good faith negotiations to replace the prohibited, invalid or unenforceable provision(s) with a valid provision(s), the effect of which comes as close as possible to that of the prohibited, invalid or unenforceable provision(s).

11. GOVERNING LAW. This Warrant shall be governed by and construed and enforced in accordance with, and all questions concerning the construction, validity, interpretation and performance of this Warrant shall be governed by, the internal laws of the State of New York, without giving effect to any choice of law or conflict of law provision or rule (whether of the State of New York or any other jurisdictions) that would cause the application of the laws of any jurisdictions other than the State of New York. The Company hereby irrevocably waives personal service of process and consents to process being served in any such suit, action or proceeding by mailing a copy thereof to the Company at the address set forth on the signature page to the Securities Purchase Agreement and agrees that such service shall constitute good and sufficient service of process and notice thereof. The Company hereby irrevocably submits to the exclusive jurisdiction of the state and federal courts sitting in The City of New York, Borough of Manhattan, for the adjudication of any dispute hereunder or in connection herewith or with any transaction contemplated hereby or discussed herein, and hereby irrevocably waives, and agrees not to assert in any suit, action or proceeding, any claim that it is not personally subject to the jurisdiction of any such court, that such suit, action or proceeding is brought in an inconvenient forum or that the venue of such suit, action or proceeding is improper. Nothing contained herein shall be deemed to limit in any way any right to serve process in any manner permitted by law. Nothing contained herein shall be deemed or operate to preclude the Holder from bringing suit or taking other legal action against the Company in any other jurisdiction to collect on the Company's obligations to the Holder, to realize on any collateral or any other security for such obligations, or to enforce a judgment or other court ruling in favor of the Holder. **THE COMPANY HEREBY IRREVOCABLY WAIVES ANY RIGHT IT MAY HAVE TO, AND AGREES NOT TO REQUEST, A JURY TRIAL FOR THE ADJUDICATION OF ANY DISPUTE HEREUNDER OR IN CONNECTION WITH OR ARISING OUT OF THIS WARRANT OR ANY TRANSACTION CONTEMPLATED HEREBY.**

12. CONSTRUCTION; HEADINGS. This Warrant shall be deemed to be jointly drafted by the Company and the Holder and shall not be construed against any Person as the drafter hereof. The headings of this Warrant are for convenience of reference and shall not form part of, or affect the interpretation of, this Warrant. Terms used in this Warrant but defined in the other Transaction Documents shall have the meanings ascribed to such terms on the date of Closing (as defined in the Securities Purchase Agreement) in such other Transaction Documents unless otherwise consented to in writing by the Holder.

13. DISPUTE RESOLUTION.

(a) Submission to Dispute Resolution.

(i) In the case of a dispute relating to the Exercise Price, the Closing Sale Price, or fair market value or the arithmetic calculation of the number of Warrant Shares (as the case may be) (including, without limitation, a dispute relating to the determination of any of the foregoing), the Company or the Holder (as the case may be) shall submit the dispute to the other party via facsimile or email (A) if by the Company, within two (2) Business Days after the occurrence of the circumstances giving rise to such dispute or (B) if by the Holder, within ten (10) Trading Days after the Holder learns of the circumstances giving rise to such dispute (or, if the Holder thereafter learns new information with respect to such circumstances, within ten (10) Trading Days after the Holder learns of such new information). If the Holder and the Company are unable to promptly resolve such dispute relating to such Exercise Price, such Closing Sale Price, or such fair market value or such arithmetic calculation of the number of Warrant Shares (as the case may be), at any time after the second (2nd) Business Day following such initial notice by the Company or the Holder (as the case may be) of such dispute to the Company or the Holder (as the case may be), then the Holder and the Company shall mutually agree upon, and select, an independent, reputable investment bank to resolve such dispute at the expense of the Company.

(ii) The Holder and the Company shall each deliver to such investment bank (A) a copy of the initial dispute submission so delivered in accordance with the first sentence of this Section 13 and (B) written documentation supporting its position with respect to such dispute, in each case, no later than 5:00 p.m. (New York time) by the fifth (5th) Business Day immediately following the date on which the investment bank was selected by the parties hereto (the **Dispute Submission Deadline**) (the documents referred to in the immediately preceding clauses (A) and (B) are collectively referred to herein as the **Required Dispute Documentation**) (it being understood and agreed that if either the Holder or the Company fails to so deliver all of the Required Dispute Documentation by the Dispute Submission Deadline, then the party who fails to so submit all of the Required Dispute Documentation shall no longer be entitled to (and hereby waives its right to) deliver or submit any written documentation or other support to such investment bank with respect to such dispute and such investment bank shall resolve such dispute based solely on the Required Dispute Documentation that was delivered to such investment bank prior to the Dispute Submission Deadline). Unless otherwise agreed to in writing by both the Company and the Holder or otherwise requested by such investment bank, neither the Company nor the Holder shall be entitled to deliver or submit any written documentation or other support to such investment bank in connection with such dispute (other than the Required Dispute Documentation).

(iii) The Company and the Holder shall cause such investment bank to determine the resolution of such dispute and notify the Company and the Holder of such resolution no later than ten (10) Business Days immediately following the Dispute Submission Deadline. The fees and expenses of such investment bank shall be paid 50/50 by the Company and the Holder.

(b) Miscellaneous. The Company expressly acknowledges and agrees that (i) this Section 13 constitutes an agreement to arbitrate between the Company and the Holder (and constitutes an arbitration agreement) under the rules then in effect under § 7501, et seq. of the New York Civil Practice Law and Rules (“CPLR”) and that the Holder is authorized to apply for an order to compel arbitration pursuant to CPLR § 7503(a) in order to compel compliance with this Section 13, (ii) the terms of this Warrant and each other applicable Transaction Document shall serve as the basis for the selected investment bank’s resolution of the applicable dispute, such investment bank shall be entitled (and is hereby expressly authorized) to make all findings, determinations and the like that such investment bank determines are required to be made by such investment bank in connection with its resolution of such dispute and in resolving such dispute such investment bank shall apply such findings, determinations and the like to the terms of this Warrant and any other applicable Transaction Documents, (iii) either the Company or the Holder shall have the right to submit any dispute described in this Section 13 to any state or federal court sitting in The City of New York, Borough of Manhattan in lieu of utilizing the procedures set forth in this Section 13 and (iv) nothing in this Section 13 shall limit the Holder from obtaining any injunctive relief or other equitable remedies (including, without limitation, with respect to any matters described in this Section 13).

1 4 . REMEDIES, CHARACTERIZATION, OTHER OBLIGATIONS, BREACHES AND INJUNCTIVE RELIEF. The remedies provided in this Warrant shall be cumulative and in addition to all other remedies available under this Warrant and the other Transaction Documents, at law or in equity (including a decree of specific performance and/or other injunctive relief), and nothing herein shall limit the right of the Holder to pursue actual and consequential damages for any failure by the Company to comply with the terms of this Warrant. The Company covenants to the Holder that there shall be no characterization concerning this instrument other than as expressly provided herein. Amounts set forth or provided for herein with respect to payments, exercises and the like (and the computation thereof) shall be the amounts to be received by the Holder and shall not, except as expressly provided herein, be subject to any other obligation of the Company (or the performance thereof). The Company acknowledges that a breach by it of its obligations hereunder will cause irreparable harm to the Holder and that the remedy at law for any such breach may be inadequate. The Company therefore agrees that, in the event of any such breach or threatened breach, the holder of this Warrant shall be entitled, in addition to all other available remedies, to specific performance and/or temporary, preliminary and permanent injunctive or other equitable relief from any court of competent jurisdiction in any such case without the necessity of proving actual damages and without posting a bond or other security. The Company shall provide all information and documentation to the Holder that is requested by the Holder to enable the Holder to confirm the Company’s compliance with the terms and conditions of this Warrant (including, without limitation, compliance with Section 1(g)(ii) hereof). The issuance of shares and certificates for shares as contemplated hereby upon the exercise of this Warrant shall be made without charge to the Holder or such shares for any issuance tax or other costs in respect thereof, provided that the Company shall not be required to pay

any tax which may be payable in respect of any transfer involved in the issuance and delivery of any certificate in a name other than the Holder or its agent on its behalf.

15. **PAYMENT OF COLLECTION, ENFORCEMENT AND OTHER COSTS.** If (a) this Warrant is placed in the hands of an attorney for collection or enforcement or is collected or enforced through any legal proceeding or the holder otherwise takes action to collect amounts due under this Warrant or to enforce the provisions of this Warrant or (b) there occurs any bankruptcy, reorganization, receivership of the company or other proceedings affecting company creditors' rights and involving a claim under this Warrant, then the Company shall pay the costs incurred by the Holder for such collection, enforcement or action or in connection with such bankruptcy, reorganization, receivership or other proceeding, including, without limitation, attorneys' fees and disbursements.

16. **TRANSFER.** This Warrant may be offered for sale, sold, transferred or assigned without the consent of the Company.

17. **DISCLOSURE.** Upon receipt or delivery by the Company of any notice in accordance with the terms of this Warrant, unless the Company has in good faith determined that the matters relating to such notice do not constitute material, nonpublic information relating to the Company or its subsidiaries, the Company shall contemporaneously with any such receipt or delivery publicly disclose such material, nonpublic information on a Current Report on Form 8-K or otherwise. In the event that the Company believes that a notice contains material, nonpublic information relating to the Company or its subsidiaries, the Company so shall indicate to such Holder contemporaneously with delivery of such notice, and in the absence of any such indication, the Holder shall be allowed to presume that all matters relating to such notice do not constitute material, nonpublic information relating to the Company or its subsidiaries.

18. **NOTICES.** Whenever notice is required to be given under this Warrant, unless otherwise provided herein, such notice shall be given in writing, (i) if delivered (a) from within the domestic United States, by first-class registered or certified airmail, or nationally recognized overnight express courier, postage prepaid, electronic mail or by facsimile or (b) from outside the United States, by International Federal Express, electronic mail or facsimile, and (ii) will be deemed given (A) if delivered by first-class registered or certified mail domestic, three (3) Business Days after so mailed, (B) if delivered by nationally recognized overnight carrier, one (1) Business Day after so mailed, (C) if delivered by International Federal Express, two (2) Business Days after so mailed and (D) if delivered by electronic mail, when sent and (E) if delivered by facsimile, when sent (provided that confirmation of transmission is generated and kept by the sending party), and will be delivered and addressed as follows:

(i) if to the Company, to:

Greenlane Holdings, Inc.
1095 Broken Sound Parkway, Suite 300
Boca Raton, FL 33487
Attention: William Mote; Douglas Fischer
Email: bmote@greenlane.com; dfischer@greenlane.com

With a copy to:

Morrison & Foerster, LLP
2100 L Street, NW
Washington, D.C. 20037
Attention: Justin R. Salon
Email: JustinSalon@mof.com

(ii) if to the Holder, at such address or other contact information delivered by the Holder to Company or as is on the books and records of the Company.

19. The Company shall provide the Holder with prompt written notice of all actions taken pursuant to this Warrant, including in reasonable detail a description of such action and the reason therefor. Without limiting the generality of the foregoing, the Company will give written notice to the Holder (i) immediately upon any adjustment

of the Exercise Price, setting forth in reasonable detail, and certifying, the calculation of such adjustment and (ii) at least fifteen (15) days prior to the date on which the Company closes its books or takes a record (A) with respect to any dividend or distribution upon the shares of Common Stock, or (B) with respect to any grants, issuances or sales of any Options, Convertible Securities or rights to purchase stock, warrants, securities or other property to holders of shares of Common Stock or (C) for determining rights to vote with respect to any Fundamental Transaction, dissolution or liquidation; provided in each case that such information shall be made known to the public prior to or in conjunction with such notice being provided to the Holder. It is expressly understood and agreed that the time of exercise specified by the Holder in each Exercise Notice shall be definitive and may not be disputed or challenged by the Company.

20. CERTAIN DEFINITIONS.

For purposes of this Warrant, the following terms shall have the following meanings:

(a) **“1933 Act”** means the Securities Act of 1933, as amended, and the rules and regulations thereunder.

(b) **“1934 Act”** means the Securities Exchange Act of 1934, as amended, and the rules and regulations thereunder.

(c) **“Affiliate”** means, with respect to any Person, any other Person that directly or indirectly controls, is controlled by, or is under common control with, such Person, it being understood for purposes of this definition that “control” of a Person means the power directly or indirectly either to vote 10% or more of the stock having ordinary voting power for the election of directors of such Person or direct or cause the direction of the management and policies of such Person whether by contract or otherwise.

(d) **“Attribution Parties”** means, collectively, the following Persons and entities: (i) any investment vehicle, including, any funds, feeder funds or managed accounts, currently, or from time to time after the Issuance Date, directly or indirectly managed or advised by the Holder’s investment manager or any of its Affiliates or principals, (ii) any direct or indirect Affiliates of the Holder or any of the foregoing, (iii) any Person acting or who could be deemed to be acting as a Group together with the Holder or any of the foregoing and (iv) any other Persons whose beneficial ownership of the Company’s Common Stock would or could be aggregated with the Holder’s and the other Attribution Parties for purposes of Section 13(d) of the 1934 Act. For clarity, the purpose of the foregoing is to subject collectively the Holder and all other Attribution Parties to the Maximum Percentage.

(e) **“Bid Price”** means, for any security as of the particular time of determination, the bid price for such security on the Principal Market as reported by Bloomberg as of such time of determination, or, if the Principal Market is not the principal securities exchange or trading market for such security, the bid price of such security on the principal securities exchange or trading market where such security is listed or traded as reported by Bloomberg as of such time of determination, or if the foregoing does not apply, the bid price of such security in the over-the-counter market on the electronic bulletin board for such security as reported by Bloomberg as of such time of determination, or, if no bid price is reported for such security by Bloomberg as of such time of determination, the average of the bid prices of any market makers for such security as reported in the “pink sheets” by OTC Markets Group Inc. (formerly Pink Sheets LLC) as of such time of determination. If the Bid Price cannot be calculated for a security as of the particular time of determination on any of the foregoing bases, the Bid Price of such security as of such time of determination shall be the fair market value as mutually determined by the Company and the Holder. If the Company and the Holder are unable to agree upon the fair market value of such security, then such dispute shall be resolved in accordance with the procedures in Section 13. All such determinations shall be appropriately adjusted for any stock dividend, stock split, stock combination or other similar transaction during such period.

(f) **“Bloomberg”** means Bloomberg Financial Markets, L.P.

(g) **“Business Day”** means any day other than Saturday, Sunday or other day on which commercial banks in The City of New York are authorized or required by law to remain closed.

(h) **“Closing Bid Price”** and **“Closing Sale Price”** means, for any security as of any date, the last closing bid price and last closing trade price, respectively, for such security on the Principal Market, as reported by Bloomberg, or, if the Principal Market begins to operate on an extended hours basis and does not designate the closing bid price or the closing trade price, as the case may be, then the last bid price or the last trade price, respectively, of such security prior to 4:00:00 p.m., New York time, as reported by Bloomberg, or, if the Principal Market is not the principal securities exchange or trading market for such security, the last closing bid price or last trade price, respectively, of such security on the principal securities exchange or trading market where such security is listed or traded as reported by Bloomberg, or if the foregoing do not apply, the last closing bid price or last trade price, respectively, of such security in the over-the-counter market on the electronic bulletin board for such security as reported by Bloomberg, or, if no closing bid price or last trade price, respectively, is reported for such security by Bloomberg, the average of the bid prices, or the ask prices, respectively, of any market makers for such security as reported in the OTC Link or “pink sheets” by OTC Markets Group Inc. (formerly Pink OTC Markets Inc.). If the Closing Bid Price or the Closing Sale Price cannot be calculated for a security on a particular date on any of the foregoing bases, the Closing Bid Price or the Closing Sale Price, as the case may be, of such security on such date shall be the fair market value as mutually determined by the Company and the Holder. If the Company and the Holder are unable to agree upon the fair market value of such security, then such dispute shall be resolved pursuant to Section 13. All such determinations to be appropriately adjusted for any stock dividend, stock split, stock combination, reclassification or other similar transaction during the applicable calculation period.

(i) **“Common Stock”** means (i) the Company’s shares of Class A common stock, \$0.01 par value per share, and (ii) any capital stock into which such common stock shall have been changed or any share capital resulting from a reclassification of such common stock.

(j) **“Convertible Securities”** means any stock or other security (other than Options) that is at any time and under any circumstances, directly or indirectly, convertible into, exercisable or exchangeable for, or which otherwise entitles the holder thereof to acquire, any shares of Common Stock.

(k) **“Eligible Market”** means The NASDAQ Capital Market, the NYSE American, The NASDAQ Global Select Market, The NASDAQ Global Market or The New York Stock Exchange, Inc.

(l) **“Expiration Date”** means the date that is the fifth (5th) anniversary of the issuance date of the Prior Warrant or, if such date falls on a day other than a Trading Day or on which trading does not take place on the Principal Market (a **“Holiday”**), the next date that is not a Holiday.

(m) **“Fundamental Transaction”** means (A) that the Company shall, directly or indirectly, including through subsidiaries, Affiliates or otherwise, in one or more related transactions, (i) consolidate or merge with or into (whether or not the Company is the surviving corporation) another Subject Entity, or (ii) sell, assign, transfer, convey or otherwise dispose of all or substantially all of the properties or assets of the Company or any of its “significant subsidiaries” (as defined in Rule 1-02 of Regulation S-X) to one or more Subject Entities, or (iii) make, or allow one or more Subject Entities to make, or allow the Company to be subject to or have its shares of Common Stock be subject to or party to one or more Subject Entities making, a purchase, tender or exchange offer that is accepted by the holders of at least either (x) 50% of the outstanding shares of Common Stock, (y) 50% of the outstanding shares of Common Stock calculated as if any shares of Common Stock held by all Subject Entities making or party to, or Affiliated with any Subject Entities making or party to, such purchase, tender or exchange offer were not outstanding; or (z) such number of shares of Common Stock such that all Subject Entities making or party to, or Affiliated with any Subject Entity making or party to, such purchase, tender or exchange offer, become collectively the beneficial owners (as defined in Rule 13d-3 under the 1934 Act) of at least 50% of the outstanding shares of Common Stock, or (iv) consummate a stock purchase agreement or other business combination (including, without limitation, a reorganization, recapitalization, spin-off or scheme of arrangement) with one or more Subject Entities whereby all such Subject Entities, individually or in the aggregate, acquire, either (x) at least 50% of the outstanding shares of Common Stock, (y) at least 50% of the outstanding shares of Common Stock calculated as if any shares of Common Stock held by all the Subject Entities making or party to, or Affiliated with any Subject Entity making or party to, such stock purchase agreement or other business combination were not outstanding; or (z) such number of shares of Common Stock such that the Subject Entities become collectively the beneficial owners (as defined in Rule 13d-3 under the 1934 Act) of at least 50% of the outstanding shares of Common Stock, or (v) reorganize, recapitalize or reclassify its shares of Common Stock, (B) that the Company shall, directly or indirectly,

including through subsidiaries, Affiliates or otherwise, in one or more related transactions, allow any Subject Entity individually or the Subject Entities in the aggregate to be or become the “beneficial owner” (as defined in Rule 13d-3 under the 1934 Act), directly or indirectly, whether through acquisition, purchase, assignment, conveyance, tender, tender offer, exchange, reduction in outstanding shares of Common Stock, merger, consolidation, business combination, reorganization, recapitalization, spin-off, scheme of arrangement, reorganization, recapitalization or reclassification or otherwise in any manner whatsoever, of either (x) at least 50% of the aggregate ordinary voting power represented by issued and outstanding shares of Common Stock, (y) at least 50% of the aggregate ordinary voting power represented by issued and outstanding shares of Common Stock not held by all such Subject Entities as of the Issuance Date calculated as if any shares of Common Stock held by all such Subject Entities were not outstanding, or (z) a percentage of the aggregate ordinary voting power represented by issued and outstanding shares of Common Stock or other equity securities of the Company sufficient to allow such Subject Entities to effect a statutory short form merger or other transaction requiring other stockholders of the Company to surrender their Common Stock without approval of the stockholders of the Company or (C) directly or indirectly, including through subsidiaries, Affiliates or otherwise, in one or more related transactions, the issuance of or the entering into any other instrument or transaction structured in a manner to circumvent, or that circumvents, the intent of this definition in which case this definition shall be construed and implemented in a manner otherwise than in strict conformity with the terms of this definition to the extent necessary to correct this definition or any portion of this definition which may be defective or inconsistent with the intended treatment of such instrument or transaction.

(n) “**Group**” means a “group” as that term is used in Section 13(d) of the 1934 Act and as defined in Rule 13d-5 thereunder.

(o) “**Options**” means any rights, warrants or options to subscribe for or purchase shares of Common Stock or Convertible Securities.

(p) “**Parent Entity**” of a Person means an entity that, directly or indirectly, controls the applicable Person, including such entity whose common stock or equivalent equity security is quoted or listed on an Eligible Market (or, if so elected by the Holder, any other market, exchange or quotation system), or, if there is more than one such Person or such entity, the Person or such entity designated by the Holder or in the absence of such designation, such Person or entity with the largest public market capitalization as of the date of consummation of the Fundamental Transaction.

(q) “**Person**” means an individual, a limited liability company, a partnership, a joint venture, a corporation, a trust, an unincorporated organization, any other entity or a government or any department or agency thereof.

(r) “**Principal Market**” means the NASDAQ Global Market.

(s) “**Required Holders**” means the Holders of this Warrant representing at least a majority of shares of Common Stock underlying this Warrant then outstanding.

(t) “**SEC**” means the United States Securities and Exchange Commission or the successor thereto.

(u) “**Subject Entity**” means any Person, Persons or Group or any Affiliate or associate of any such Person, Persons or Group.

(v) “**Successor Entity**” means one or more Person or Persons (or, if so elected by the Holder, the Company or Parent Entity) formed by, resulting from or surviving any Fundamental Transaction or one or more Person or Persons (or, if so elected by the Holder, the Company or the Parent Entity) with which such Fundamental Transaction shall have been entered into.

(w) “**Trading Day**” means, as applicable, (x) with respect to all price or trading volume determinations relating to the Common Stock, any day on which the Common Stock is traded on the Principal Market, or, if the Principal Market is not the principal trading market for the Common Stock, then on the principal securities exchange or securities market on which the Common Stock is then traded, provided that “Trading Day” shall not include any day on which the Common Stock is scheduled to trade on such exchange or market for less

than 4.5 hours or any day that the Common Stock is suspended from trading during the final hour of trading on such exchange or market (or if such exchange or market does not designate in advance the closing time of trading on such exchange or market, then during the hour ending at 4:00:00 p.m., New York time) or (y) with respect to all determinations other than price determinations relating to the Common Stock, any day on which The New York Stock Exchange (or any successor thereto) is open for trading of securities.

(x) **“Transaction Documents”** means any agreement entered into by and between the Company and the Holder, as applicable.

(y) **“Weighted Average Price”** means, for any security as of any date, the dollar volume-weighted average price for such security on the Principal Market during the period beginning at 9:30:01 a.m., New York time (or such other time as the Principal Market publicly announces is the official open of trading), and ending at 4:00:00 p.m., New York time (or such other time as the Principal Market publicly announces is the official close of trading), as reported by Bloomberg through its “Volume at Price” function or, if the foregoing does not apply, the dollar volume-weighted average price of such security in the over-the-counter market on the electronic bulletin board for such security during the period beginning at 9:30:01 a.m., New York time (or such other time as such market publicly announces is the official open of trading), and ending at 4:00:00 p.m., New York time (or such other time as such market publicly announces is the official close of trading), as reported by Bloomberg, or, if no dollar volume-weighted average price is reported for such security by Bloomberg for such hours, the average of the highest Closing Bid Price and the lowest closing ask price of any of the market makers for such security as reported in the OTC Link or “pink sheets” by OTC Markets Group Inc. (formerly Pink OTC Markets Inc.). If the Weighted Average Price cannot be calculated for a security on a particular date on any of the foregoing bases, the Weighted Average Price of such security on such date shall be the fair market value as mutually determined by the Company and the Holder. If the Company and the Holder are unable to agree upon the fair market value of such security, then such dispute shall be resolved pursuant to Section 13 with the term “Weighted Average Price” being substituted for the term “Exercise Price.” All such determinations shall be appropriately adjusted for any stock dividend, stock split, stock combination, reclassification or other similar transaction during the applicable calculation period.

[signature page follows]

IN WITNESS WHEREOF, the Company has caused this Warrant to Purchase Common Stock to be duly executed as of the Issuance Date set out above.

GREENLANE HOLDINGS, INC.

By:

Name:

Title:

EXHIBIT A

EXERCISE NOTICE

TO BE EXECUTED BY THE REGISTERED HOLDER TO EXERCISE THIS
WARRANT TO PURCHASE COMMON STOCK

GREENLANE HOLDINGS, INC.

The undersigned holder hereby elects to exercise the Warrant to Purchase Common Stock No. _____ (the "**Warrant**") of Greenlane Holdings, Inc., a Delaware corporation (the "**Company**") as specified below. Capitalized terms used herein and not otherwise defined shall have the respective meanings set forth in the Warrant.

1. Form of Exercise Price. The Holder intends that payment of the Aggregate Exercise Price shall be made as:

_____ a "Cash Exercise" with respect to _____ Warrant Shares; and/or

_____ a "Cashless Exercise" with respect to _____ Warrant Shares.

2. Payment of Exercise Price. In the event that the Holder has elected a Cash Exercise with respect to some or all of the Warrant Shares to be issued pursuant hereto, the Holder shall pay the Aggregate Exercise Price in the sum of \$ _____ to the Company in accordance with the terms of the Warrant.

3. Delivery of Warrant Shares. The Company shall deliver to Holder, or its designee or agent as specified below, _____ shares of Common Stock in accordance with the terms of the Warrant. Delivery shall be made to Holder, or for its benefit, as follows:

Check here if requesting delivery as a certificate to the following name and to the following address:

Issue to:

Check here if requesting delivery by Deposit/Withdrawal at Custodian as follows:

DTC Participant:

DTC Number:

Account Number:

Date: _____, _____

Name of Registered Holder

By:

Name:

Title:

Tax ID: _____

Facsimile: _____

E-mail Address: _____

EXHIBIT B

ACKNOWLEDGMENT

The Company hereby acknowledges this Exercise Notice and hereby directs Equiniti Trust Company, as transfer agent, to issue the above indicated number of shares of Common Stock on or prior to the applicable Share Delivery Date.

GREENLANE HOLDINGS, INC.

By: _____

Name:

Title:

GREENLANE HOLDINGS, INC.

Warrant To Purchase Common Stock

Warrant No.: []

Date of Issuance: August 31, 2021 (“**Issuance Date**”)

Greenlane Holdings, Inc., a Delaware corporation (the “**Company**”), hereby certifies that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, [], the registered holder hereof or its permitted assigns (the “**Holder**”), is entitled, subject to the terms set forth below, to purchase from the Company, at the Exercise Price (as defined below) then in effect, upon exercise of this Warrant to Purchase Common Stock (including any Warrants to purchase Common Stock issued in exchange, transfer or replacement hereof, the “**Warrant**”), at any time or times on or after the Issuance Date, but not after 11:59 p.m., New York time, on the Expiration Date (as defined below), [] (subject to adjustment as provided herein) fully paid and non-assessable shares of Common Stock (as defined below) (the “**Warrant Shares**”, and such number of Warrant Shares, the “**Warrant Number**”). Except as otherwise defined herein, capitalized terms in this Warrant shall have the meanings set forth in Section 20. This Warrant is being issued as a replacement for the warrant, dated February 24, 2021 (the “**Prior Warrant**”) issued pursuant to the Securities Purchase Agreement, dated as of February 22, 2021, issued to the Holder by KushCo Holdings, Inc. (“**KushCo**”) in accordance with Section 4(b) of the Prior Warrant and pursuant to the terms of the Agreement and Plan of Merger, dated March 31, 2021, by and among the Company, Merger Sub Gotham 1, LLC, Merger Sub Gotham 2, LLC and KushCo. As of the date hereof the Prior Warrant shall be of no further force and effect. The Company has registered the issuance of the Warrant Shares on its Registration Statement on Form S-4 (File number 333-256582) (as amended from time to time, the “**Registration Statement**”).

1. EXERCISE OF WARRANT.

(a) Mechanics of Exercise. Subject to the terms and conditions hereof (including, without limitation, the limitations set forth in Section 1(f)), this Warrant may be exercised by the Holder on any day on or after the Issuance Date (an “**Exercise Date**”), in whole or in part, by delivery (whether via facsimile or otherwise) of a written notice, in the form attached hereto as Exhibit A (the “**Exercise Notice**”), of the Holder’s election to exercise this Warrant. Within one (1) Trading Day following the delivery of the Exercise Notice, the Holder shall deliver payment to the Company of an amount equal to the Exercise Price in effect on the date of such exercise multiplied by the number of Warrant Shares as to which this Warrant was so exercised (the “**Aggregate Exercise Price**”) in cash or via wire transfer of immediately available funds if the Holder did not notify the Company in such Exercise Notice that such exercise was made pursuant to a Cashless Exercise (as defined in Section 1(d)). The Holder shall not be required to deliver the original of this Warrant in order to effect an exercise hereunder nor shall any ink-original signature or medallion guarantee (or other type of guarantee or notarization) with respect to any Exercise Notice be required. Execution and delivery of an Exercise Notice with respect to less than all of the Warrant Shares shall have the same effect as cancellation of the original of this Warrant and issuance of a new Warrant evidencing the right to purchase the remaining number of Warrant Shares. Execution and delivery of an Exercise Notice for all of the then-remaining Warrant Shares shall have the same effect as cancellation of the original of this Warrant after delivery of the Warrant Shares in accordance with the terms hereof. On or before the first (1st) Trading Day following the date on which the Company has received an Exercise Notice, the Company shall transmit by facsimile or electronic mail an acknowledgment of confirmation of receipt of such Exercise Notice, in the form attached hereto as Exhibit B, to the Holder and the Company’s transfer agent (the “**Transfer Agent**”), which confirmation shall constitute an instruction to the Transfer Agent to process such Exercise Notice in accordance with the terms herein. So long as the Holder delivers the Aggregate Exercise Price (or notice of a Cashless Exercise) on or prior to the first (1st) Trading Day following the date on which the Exercise Notice has been delivered to the Company, then on or prior to the second (2nd) Trading Day following the date on which the Exercise Notice has been delivered to the Company, or, if the Holder does not deliver the Aggregate Exercise Price (or notice of a Cashless Exercise) on or prior to the first (1st) Trading Day following the date on which the Exercise Notice has been delivered to the Company, then on or prior to the first (1st) Trading Day following the date on which the Aggregate Exercise Price (or notice of a Cashless Exercise) is delivered (the “**Share Delivery Deadline**”), the Company shall (i) provided that

the Transfer Agent is participating in The Depository Trust Company (“DTC”) Fast Automated Securities Transfer Program, upon the request of the Holder, credit such aggregate number of shares of Common Stock to which the Holder is entitled pursuant to such exercise to the Holder’s or its designee’s balance account with DTC through its Deposit/Withdrawal at Custodian system, or (ii) if the Transfer Agent is not participating in the DTC Fast Automated Securities Transfer Program, upon the request of the Holder, issue and deliver (via reputable overnight courier) to the address as specified in the Exercise Notice, a certificate, registered in the name of the Holder or its designee, for the number of shares of Common Stock to which the Holder shall be entitled pursuant to such exercise. The Company shall be responsible for all fees and expenses of the Transfer Agent and all fees and expenses with respect to the issuance of Warrant Shares via DTC, if any, including without limitation for same day processing. Upon delivery of an Exercise Notice, the Holder shall be deemed for all corporate purposes to have become the holder of record of the Warrant Shares with respect to which this Warrant has been exercised, irrespective of the date such Warrant Shares are credited to the Holder’s DTC account or the date of delivery of the certificates evidencing such Warrant Shares (as the case may be). If this Warrant is submitted in connection with any exercise pursuant to this Section 1(a) and the number of Warrant Shares represented by this Warrant submitted for exercise is greater than the number of Warrant Shares being acquired upon an exercise and upon surrender of this Warrant to the Company by the Holder, then, at the request of the Holder, the Company shall as soon as practicable and in no event later than two (2) Business Days after any exercise and at its own expense, issue and deliver to the Holder (or its designee) a new Warrant (in accordance with Section 7(d)) representing the right to purchase the number of Warrant Shares purchasable immediately prior to such exercise under this Warrant, less the number of Warrant Shares with respect to which this Warrant is exercised. No fractional shares of Common Stock are to be issued upon the exercise of this Warrant, but rather the number of shares of Common Stock to be issued shall be rounded up to the nearest whole number. The Company shall pay any and all transfer, stamp, issuance and similar taxes, costs and expenses (including, without limitation, fees and expenses of the Transfer Agent) that may be payable with respect to the issuance and delivery of Warrant Shares upon exercise of this Warrant. From the Issuance Date through and including the Expiration Date, the Company shall maintain a transfer agent that participates in the DTC’s Fast Automated Securities Transfer Program. The Company’s obligations to issue and deliver Warrant Shares in accordance with the terms and subject to the conditions hereof are absolute and unconditional, irrespective of any action or inaction by the Holder to enforce the same, any waiver or consent with respect to any provision hereof, the recovery of any judgment against any Person or any action to enforce the same, or any setoff, counterclaim, recoupment, limitation or termination; provided, however, that the Company shall not be required to deliver Warrant Shares with respect to an exercise prior to the Holder’s delivery of the Aggregate Exercise Price (or notice of a Cashless Exercise) with respect to such exercise.

(b) Exercise Price. For purposes of this Warrant, “**Exercise Price**” means \$6.64, subject to adjustment as provided herein.

(c) Company’s Failure to Timely Deliver Securities. If the Company shall fail, for any reason or for no reason, on or prior to the Share Delivery Deadline, either (I) if the Transfer Agent is not participating in the DTC Fast Automated Securities Transfer Program, to issue and deliver to the Holder (or its designee) a certificate for the number of Warrant Shares to which the Holder is entitled and register such Warrant Shares on the Company’s share register or, if the Transfer Agent is participating in the DTC Fast Automated Securities Transfer Program, to credit the balance account of the Holder or the Holder’s designee with DTC for such number of Warrant Shares to which the Holder is entitled upon the Holder’s exercise of this Warrant (as the case may be) or (II) if the Registration Statement (or prospectus contained therein) covering the issuance of the Warrant Shares that are the subject of the Exercise Notice (the “**Unavailable Warrant Shares**”) is not available for the issuance of such Unavailable Warrant Shares and the Company fails to promptly (x) so notify the Holder and (y) deliver the Warrant Shares electronically without any restrictive legend by crediting such aggregate number of Warrant Shares to which the Holder is entitled pursuant to such exercise to the Holder’s or its designee’s balance account with DTC through its Deposit/Withdrawal At Custodian system (the event described in the immediately foregoing clause (II) is hereinafter referred to as a “**Notice Failure**” and together with the event described in clause (I) above, a “**Delivery Failure**”), and if on or after such Share Delivery Deadline the Holder purchases (in an open market transaction or otherwise) shares of Common Stock to deliver in satisfaction of a sale by the Holder of all or any portion of the number of shares of Common Stock issuable upon such exercise that the Holder is entitled to receive from the Company (a “**Buy-In**”), then, in addition to all other remedies available to the Holder, the Company shall, within three (3) Business Days after the Holder’s request and in the Holder’s discretion, either (i) pay cash to the Holder in an amount equal to the Holder’s total purchase price (including brokerage commissions and other out-of-pocket expenses, if any) for the

shares of Common Stock so purchased (including, without limitation, by any other Person in respect, or on behalf, of the Holder) (the "**Buy-In Price**"), at which point the Company's obligation to so issue and deliver such certificate (and to issue such shares of Common Stock) or credit the balance account of such Holder or such Holder's designee, as applicable, with DTC for the number of Warrant Shares to which the Holder is entitled upon the Holder's exercise hereunder (as the case may be) (and to issue such Warrant Shares) shall terminate, or (ii) promptly honor its obligation to so issue and deliver to the Holder a certificate or certificates representing such Warrant Shares or credit the balance account of such Holder or such Holder's designee, as applicable, with DTC for the number of Warrant Shares to which the Holder is entitled upon the Holder's exercise hereunder (as the case may be) and pay cash to the Holder in an amount equal to the excess (if any) of the Buy-In Price over the product of (A) such number of Warrant Shares multiplied by (B) the lowest Closing Sale Price of the Common Stock on any Trading Day during the period commencing on the date of the applicable Exercise Notice and ending on the date of such issuance and payment under this clause (ii) (the "**Buy-In Payment Amount**"). Nothing shall limit the Holder's right to pursue any other remedies available to it hereunder, at law or in equity, including, without limitation, a decree of specific performance and/or injunctive relief with respect to the Company's failure to timely deliver certificates representing shares of Common Stock (or to electronically deliver such shares of Common Stock) upon the exercise of this Warrant as required pursuant to the terms hereof. Additionally, if the Company fails for any reason to deliver to the Holder the Warrant Shares subject to an Exercise Notice by the Share Delivery Deadline, the Company shall pay to the Holder, in cash, as liquidated damages and not as a penalty, for each \$1,000 of Warrant Shares subject to such exercise (based on the Weighted Average Price of the Common Stock on the date of the applicable Notice of Exercise), \$10 per Trading Day (increasing to \$20 per Trading Day on the fifth Trading Day after such liquidated damages begin to accrue) for each Trading Day after such Share Delivery Deadline until such Warrant Shares are delivered or Holder rescinds such exercise. In addition to the foregoing rights, (i) if the Company fails to deliver the applicable number of Warrant Shares upon an exercise pursuant to Section 1 by the applicable Share Delivery Date, then the Holder shall have the right to rescind such exercise in whole or in part and retain and/or have the Company return, as the case may be, any portion of this Warrant that has not been exercised pursuant to such Exercise Notice; provided that the rescission of an exercise shall not affect the Company's obligation to make any payments that have accrued prior to the date of such notice pursuant to this Section 1(c) or otherwise, and (ii) if a registration statement (which may be the Registration Statement) covering the issuance or resale of the Warrant Shares that are subject to an Exercise Notice is not available for the issuance or resale, as applicable, of such Exercise Notice Warrant Shares and the Holder has submitted an Exercise Notice prior to receiving notice of the non-availability of such registration statement and the Company has not already delivered the Warrant Shares underlying such Exercise Notice electronically without any restrictive legend by crediting such aggregate number of Warrant Shares to which the Holder is entitled pursuant to such exercise to the Holder's or its designee's balance account with DTC through its Deposit / Withdrawal At Custodian system, the Holder shall have the option, by delivery of notice to the Company, to (x) rescind such Exercise Notice in whole or in part and retain or have returned, as the case may be, any portion of this Warrant that has not been exercised pursuant to such Exercise Notice; provided that the rescission of an Exercise Notice shall not affect the Company's obligation to make any payments that have accrued prior to the date of such notice pursuant to this Section 1(c) or otherwise, and/or (y) switch some or all of such Exercise Notice from a cash exercise to a Cashless Exercise.

(d) Cashless Exercise. Notwithstanding anything contained herein to the contrary (other than Section 1(f) below), if at the time of exercise hereof the Registration Statement is not effective (or the prospectus contained therein is not available for use) for the issuance of all of the Warrant Shares, then the Holder may only exercise this Warrant in whole or in part, at such time by means of a cashless exercise in which the Holder shall be entitled to receive upon such exercise the "Net Number" of Warrant Shares determined according to the following formula (a "**Cashless Exercise**"):

$$\text{Net Number} = \frac{(A \times B) - (A \times C)}{D}$$

For purposes of the foregoing formula:

A= the total number of shares with respect to which this Warrant is then being exercised.

B = the quotient of (x) the sum of the Weighted Average Price of the Common Stock of each of the three (3) Trading Days ending at the close of business on the Principal Market immediately prior to the time of exercise as set forth in the applicable Exercise Notice, divided by (y) three (3).

C = the Exercise Price then in effect for the applicable Warrant Shares at the time of such exercise.

D = as applicable: (i) the Closing Sale Price of the Common Stock on the Trading Day immediately preceding the date of the applicable Exercise Notice if such Exercise Notice is (1) both executed and delivered pursuant to Section 1(d) hereof on a day that is not a Trading Day or (2) both executed and delivered pursuant to Section 1(d) hereof on a Trading Day prior to the opening of "regular trading hours" (as defined in Rule 600(b)(68) of Regulation NMS promulgated under the federal securities laws) on such Trading Day, (ii) the Bid Price of the Common Stock as of the time of the Holder's execution of the applicable Exercise Notice if such Exercise Notice is executed during "regular trading hours" on a Trading Day and is delivered within two (2) hours thereafter pursuant to Section 1(d) hereof, or (iii) the Closing Sale Price of the Common Stock on the date of the applicable Exercise Notice if the date of such Exercise Notice is a Trading Day and such Exercise Notice is both executed and delivered pursuant to Section 1(d) hereof after the close of "regular trading hours" on such Trading Day.

If the Warrant Shares are issued in a Cashless Exercise, the parties acknowledge and agree that in accordance with Section 3(a)(9) of the 1933 Act, the Warrant Shares take on the registered characteristics of the Warrants being exercised. For purposes of Rule 144(d) promulgated under the 1933 Act, as in effect on the Issuance Date, it is intended that the Warrant Shares issued in a Cashless Exercise shall be deemed to have been acquired by the Holder, and the holding period for the Warrant Shares shall be deemed to have commenced, on the date this Warrant was originally issued pursuant to the Securities Purchase Agreement.

(e) Disputes. In the case of a dispute as to the determination of the Exercise Price or the arithmetic calculation of the number of Warrant Shares to be issued pursuant to the terms hereof, the Company shall promptly issue to the Holder the number of Warrant Shares that are not disputed and resolve such dispute in accordance with Section 13.

(f) Limitations on Exercises. The Company shall not effect the exercise of any portion of this Warrant, and the Holder shall not have the right to exercise any portion of this Warrant, pursuant to the terms and conditions of this Warrant and any such exercise shall be null and void and treated as if never made, to the extent that after giving effect to such exercise, the Holder together with the other Attribution Parties collectively would beneficially own in excess of 4.99% (the "**Maximum Percentage**") of the shares of Common Stock outstanding immediately after giving effect to such exercise. For purposes of the foregoing sentence, the aggregate number of shares of Common Stock beneficially owned by the Holder and the other Attribution Parties shall include the number of shares of Common Stock held by the Holder and all other Attribution Parties plus the number of shares of Common Stock issuable upon exercise of this Warrant with respect to which the determination of such sentence is being made, but shall exclude shares of Common Stock which would be issuable upon (A) exercise of the remaining, unexercised portion of this Warrant beneficially owned by the Holder or any of the other Attribution Parties and (B) exercise or conversion of the unexercised or unconverted portion of any other securities of the Company (including, without limitation, any convertible notes or convertible preferred stock or warrants, including other Registered Warrants) beneficially owned by the Holder or any other Attribution Party subject to a limitation on conversion or exercise analogous to the limitation contained in this Section 1(f)(i). For purposes of this Section 1(f)(i), beneficial ownership shall be calculated in accordance with Section 13(d) of the 1934 Act. For purposes of determining the number of outstanding shares of Common Stock the Holder may acquire upon the exercise of this Warrant without exceeding the Maximum Percentage, the Holder may rely on the number of outstanding shares of Common Stock as reflected in (x) the Company's most recent Annual Report on Form 10-K, Quarterly Report on Form 10-Q, Current Report on Form 8-K or other public filing with the SEC, as the case may be, (y) a more recent public announcement by the Company or (z) any other written notice by the Company or the Transfer Agent, if any, setting forth the number of shares of Common Stock outstanding (the "**Reported Outstanding Share Number**"). If the Company receives an Exercise Notice from the Holder at a time when the actual number of outstanding shares of Common Stock is less than the Reported Outstanding Share Number, the Company shall (i) notify the Holder in writing of the number of shares of Common Stock then outstanding and, to the extent that such Exercise Notice

would otherwise cause the Holder's beneficial ownership, as determined pursuant to this Section 1(f)(i), to exceed the Maximum Percentage, the Holder must notify the Company of a reduced number of Warrant Shares to be acquired pursuant to such Exercise Notice (the number of shares by which such purchase is reduced, the "**Reduction Shares**") and (ii) as soon as reasonably practicable, the Company shall return to the Holder any exercise price paid by the Holder for the Reduction Shares. For any reason at any time, upon the written or oral request of the Holder, the Company shall within one (1) Business Day confirm orally and in writing or by electronic mail to the Holder the number of shares of Common Stock then outstanding. In any case, the number of outstanding shares of Common Stock shall be determined after giving effect to the conversion or exercise of securities of the Company, including this Warrant, by the Holder and any other Attribution Party since the date as of which the Reported Outstanding Share Number was reported. In the event that the issuance of shares of Common Stock to the Holder upon exercise of this Warrant results in the Holder and the other Attribution Parties being deemed to beneficially own, in the aggregate, more than the Maximum Percentage of the number of outstanding shares of Common Stock (as determined under Section 13(d) of the 1934 Act), the number of shares so issued by which the Holder's and the other Attribution Parties' aggregate beneficial ownership exceeds the Maximum Percentage (the "**Excess Shares**") shall be deemed null and void and shall be cancelled ab initio, and the Holder shall not have the power to vote or to transfer the Excess Shares. As soon as reasonably practicable after the issuance of the Excess Shares has been deemed null and void, the Company shall return to the Holder the exercise price paid by the Holder for the Excess Shares. Upon delivery of a written notice to the Company, the Holder may from time to time increase (with such increase not effective until the sixty-first (61st) day after delivery of such notice) or decrease the Maximum Percentage to any other percentage not in excess of 9.99% as specified in such notice; provided that (i) any such increase in the Maximum Percentage will not be effective until the sixty-first (61st) day after such notice is delivered to the Company and (ii) any such increase or decrease will apply only to the Holder and the other Attribution Parties and not to any other holder of Registered Warrants that is not an Attribution Party of the Holder. For purposes of clarity, the shares of Common Stock issuable pursuant to the terms of this Warrant in excess of the Maximum Percentage shall not be deemed to be beneficially owned by the Holder for any purpose including for purposes of Section 13(d) or Rule 16a-1(a)(1) of the 1934 Act. No prior inability to exercise this Warrant pursuant to this paragraph shall have any effect on the applicability of the provisions of this paragraph with respect to any subsequent determination of exercisability. The provisions of this paragraph shall be construed and implemented in a manner otherwise than in strict conformity with the terms of this Section 1(f)(i) to the extent necessary to correct this paragraph or any portion of this paragraph which may be defective or inconsistent with the intended beneficial ownership limitation contained in this Section 1(f)(i) or to make changes or supplements necessary or desirable to properly give effect to such limitation. The limitation contained in this paragraph may not be waived and shall apply to a successor holder of this Warrant.

(g) Reservation of Shares.

(i) Required Reserve Amount. So long as this Warrant remains outstanding, the Company shall at all times keep reserved for issuance under this Warrant a number of shares of Common Stock at least equal to 100% of the maximum number of shares of Common Stock as shall be necessary to satisfy the Company's obligation to issue shares of Common Stock under the Registered Warrants then outstanding (without regard to any limitations on exercise) (the "**Required Reserve Amount**"); provided that at no time shall the number of shares of Common Stock reserved pursuant to this Section 1(g)(i) be reduced other than proportionally in connection with any exercise or redemption of Registered Warrants or such other event covered by Section 2(a) below. The Required Reserve Amount (including, without limitation, each increase in the number of shares so reserved) shall be allocated pro rata among the holders of the Registered Warrants based on number of shares of Common Stock issuable upon exercise of Registered Warrants held by each holder on the date of Closing (without regard to any limitations on exercise) or increase in the number of reserved shares, as the case may be (the "**Authorized Share Allocation**"). In the event that a holder shall sell or otherwise transfer any of such holder's Registered Warrants, each transferee shall be allocated a pro rata portion of such holder's Authorized Share Allocation. Any shares of Common Stock reserved and allocated to any Person which ceases to hold any Registered Warrants shall be allocated to the remaining holders of Registered Warrants, pro rata based on the number of shares of Common Stock issuable upon exercise of the Registered Warrants then held by such holders (without regard to any limitations on exercise).

(i i) Insufficient Authorized Shares. If, notwithstanding Section 1(g)(i) above, and not in limitation thereof, at any time while any of the Registered Warrants remain outstanding, the Company does not have a sufficient number of authorized and unreserved shares of Common Stock to satisfy its obligation to reserve the Required Reserve Amount (an “**Authorized Share Failure**”), then the Company shall immediately take all action necessary to increase the Company’s authorized shares of Common Stock to an amount sufficient to allow the Company to reserve the Required Reserve Amount for all the Registered Warrants then outstanding. Without limiting the generality of the foregoing sentence, as soon as practicable after the date of the occurrence of an Authorized Share Failure, but in no event later than sixty (60) days after the occurrence of such Authorized Share Failure, the Company shall hold a meeting of its stockholders for the approval of an increase in the number of authorized shares of Common Stock. In connection with such meeting, the Company shall provide each stockholder with a proxy statement and shall use its best efforts to solicit its stockholders’ approval of such increase in authorized shares of Common Stock and to cause its board of directors to recommend to the stockholders that they approve such proposal. Notwithstanding the foregoing, if any such time of an Authorized Share Failure, the Company is able to obtain the written consent of a majority of the shares of its issued and outstanding shares of Common Stock to approve the increase in the number of authorized shares of Common Stock, the Company may satisfy this obligation by obtaining such consent and submitting for filing with the SEC an Information Statement on Schedule 14C.

2. ADJUSTMENT OF EXERCISE PRICE AND NUMBER OF WARRANT SHARES.

(a) Adjustment Upon Subdivision or Combination of Common Stock. The Exercise Price and number of Warrant Shares issuable upon exercise of this Warrant are subject to adjustment from time to time as set forth in this Section 2. If the Company, at any time on or after the Issuance Date, (i) pays a stock dividend on one or more classes of its then outstanding shares of Common Stock or otherwise makes a distribution on any class of capital stock that is payable in shares of Common Stock, (ii) subdivides (by any stock split, stock dividend, recapitalization or otherwise) one or more classes of its then outstanding shares of Common Stock into a larger number of shares or (iii) combines (by combination, reverse stock split or otherwise) one or more classes of its then outstanding shares of Common Stock into a smaller number of shares, then in each such case the Exercise Price shall be multiplied by a fraction of which the numerator shall be the number of shares of Common Stock outstanding immediately before such event and of which the denominator shall be the number of shares of Common Stock outstanding immediately after such event. Any adjustment made pursuant to clause (i) of this paragraph shall become effective immediately after the record date for the determination of stockholders entitled to receive such dividend or distribution, and any adjustment pursuant to clause (ii) or (iii) of this paragraph shall become effective immediately after the effective date of such subdivision or combination. If any event requiring an adjustment under this paragraph occurs during the period that an Exercise Price is calculated hereunder, then the calculation of such Exercise Price shall be adjusted appropriately to reflect such event.

(b) Number of Warrant Shares. Simultaneously with any adjustment to the Exercise Price pursuant to Section 2, the number of Warrant Shares that may be purchased upon exercise of this Warrant shall be increased or decreased proportionately, so that after such adjustment the aggregate Exercise Price payable hereunder for the adjusted number of Warrant Shares shall be the same as the aggregate Exercise Price in effect immediately prior to such adjustment (without regard to any limitations on exercise contained herein).

3 . RIGHTS UPON DISTRIBUTION OF ASSETS. In addition to any adjustments pursuant to Section 2 above, if, on or after the Issuance Date and on or prior to the Expiration Date, the Company shall declare or make any dividend or other distribution of its assets (or rights to acquire its assets) to holders of shares of Common Stock, by way of return of capital or otherwise (including, without limitation, any distribution of cash, stock or other securities, property, options, evidence of indebtedness or any other assets by way of a dividend, spin off, reclassification, corporate rearrangement, scheme of arrangement or other similar transaction) (a “**Distribution**”), at any time after the issuance of this Warrant, then, in each such case, the Holder shall be entitled to participate in such Distribution to the same extent that the Holder would have participated therein if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations or restrictions on exercise of this Warrant, including without limitation, the Maximum Percentage) immediately before the date of which a record is taken for such Distribution, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the participation in such Distribution (provided,

however, that to the extent that the Holder's right to participate in any such Distribution would result in the Holder and the other Attribution Parties exceeding the Maximum Percentage, then the Holder shall not be entitled to participate in such Distribution to such extent (and shall not be entitled to beneficial ownership of such shares of Common Stock as a result of such Distribution (and beneficial ownership) to such extent) and the portion of such Distribution shall be held in abeyance for the benefit of the Holder until such time or times as its right thereto would not result in the Holder and the other Attribution Parties exceeding the Maximum Percentage, at which time or times the Holder shall be granted such Distribution (and any Distributions declared or made on such initial Distribution or on any subsequent Distribution held similarly in abeyance) to the same extent as if there had been no such limitation).

4. PURCHASE RIGHTS: FUNDAMENTAL TRANSACTIONS.

(a) Purchase Rights. In addition to any adjustments pursuant to Section 2 above, if at any time on or after the Issuance Date and on or prior to the Expiration Date the Company grants, issues or sells any Options, Convertible Securities or rights to purchase stock, warrants, securities or other property pro rata to the record holders of any class of Common Stock (the "**Purchase Rights**"), then the Holder will be entitled to acquire, upon the terms applicable to such Purchase Rights, the aggregate Purchase Rights which the Holder could have acquired if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations or restrictions on exercise of this Warrant, including without limitation, the Maximum Percentage) immediately before the date on which a record is taken for the grant, issuance or sale of such Purchase Rights, or, if no such record is taken, the date as of which the record holders of Common Stock are to be determined for the grant, issuance or sale of such Purchase Rights (provided, however, that to the extent that the Holder's right to participate in any such Purchase Right would result in the Holder and the other Attribution Parties exceeding the Maximum Percentage, then the Holder shall not be entitled to participate in such Purchase Right to such extent (and shall not be entitled to beneficial ownership of such Common Stock as a result of such Purchase Right (and beneficial ownership) to such extent) and such Purchase Right to such extent shall be held in abeyance for the benefit of the Holder until such time or times as its right thereto would not result in the Holder and the other Attribution Parties exceeding the Maximum Percentage, at which time or times the Holder shall be granted such right (and any Purchase Right granted, issued or sold on such initial Purchase Right or on any subsequent Purchase Right to be held similarly in abeyance) to the same extent as if there had been no such limitation).

(b) Fundamental Transactions. The Company shall not enter into or be party to a Fundamental Transaction unless the Successor Entity assumes in writing, pursuant to written agreements in form and substance satisfactory to the Required Holders, all of the obligations of the Company under this Warrant and all other Transaction Documents in accordance with the provisions of this Section 4(b), including agreements to deliver to the Holder in exchange for this Warrant a security of the Successor Entity evidenced by a written instrument substantially similar in form and substance to this Warrant, but which is exercisable for a corresponding number of shares of capital stock equivalent to the shares of Common Stock issuable upon exercise of this Warrant (without regard to any limitations on the exercise of this Warrant) prior to such Fundamental Transaction, and with an exercise price which applies the exercise price hereunder to such shares of capital stock (taking into account the relative value of the shares of Common Stock pursuant to such Fundamental Transaction and the value of such shares of capital stock, such adjustments to the number of shares of capital stock and such exercise price being for the purpose of protecting the economic value of this Warrant immediately prior to the consummation of such Fundamental Transaction). Upon the consummation of each Fundamental Transaction, the Successor Entity shall succeed to, and be substituted for the Company (so that from and after the date of such Fundamental Transaction, each and every provision of this Warrant referring to the "Company" shall instead refer to the Successor Entity), and the Successor Entity may exercise every prior right and power of the Company and shall assume all prior obligations of the Company under this Warrant with the same effect as if the Successor Entity had been named as the Company in this Warrant. On or prior to the consummation of each Fundamental Transaction, the Successor Entity shall deliver to the Holder confirmation that there shall be issued upon exercise of this Warrant at any time after the consummation of the Fundamental Transaction, in lieu of the shares of Common Stock (or other securities, cash, assets or other property purchasable upon the exercise of this Warrant prior to such Fundamental Transaction), such shares of stock, securities, cash, assets or any other property whatsoever (including warrants or other purchase or subscription rights), which for purposes of clarification may continue to be shares of Common Stock, if any, that the Holder would have been entitled to receive upon the happening of such Fundamental Transaction or the record, eligibility or other determination date for the event resulting in such Fundamental Transaction, had this Warrant

been exercised immediately prior to such Fundamental Transaction or the record, eligibility or other determination date for the event resulting in such Fundamental Transaction (without regard to any limitations on the exercise of this Warrant), as adjusted in accordance with the provisions of this Warrant. Notwithstanding the foregoing, and without limiting the provisions of Section 1(g) hereof, the Holder may elect, at its sole discretion, by delivery of a written notice to the Company, to permit a Fundamental Transaction without the required assumption of this Warrant. In addition to and not in substitution for any other rights hereunder, prior to the consummation of any Fundamental Transaction pursuant to which holders of Common Stock are entitled to receive securities, cash, assets or other property with respect to or in exchange for Common Stock (a "**Corporate Event**"), the Company shall make appropriate provision to ensure that, and any applicable Successor Entity shall ensure that, the Holder will thereafter have the right to receive upon exercise of this Warrant at any time after the consummation of the Corporate Event, shares of Common Stock or capital stock of the Successor Entity or, if so elected by the Holder, in lieu of the shares of Common Stock (or other securities, cash, assets or other property) (except such items still issuable under Sections 3 and 4(a), which shall continue to be receivable thereafter) issuable upon exercise of this Warrant prior to such Corporate Event, such shares of stock, securities, cash, assets or any other property whatsoever (including warrants or other purchase or subscription rights) which the Holder would have been entitled to receive upon the consummation of such Corporate Event or the record, eligibility or other determination date for the event resulting in such Corporate Event, had this Warrant been exercised immediately prior to such Corporate Event or the record, eligibility or other determination date for the event resulting in such Corporate Event (without regard to any limitations on exercise of this Warrant). Provision made pursuant to the preceding sentence shall be in a form and substance reasonably satisfactory to the Holder. The provisions of this Section 4(b) shall apply similarly and equally to successive Fundamental Transactions and Corporate Events.

5. NONCIRCUMVENTION. The Company hereby covenants and agrees that the Company will not, by amendment of its Articles of Incorporation, as amended, bylaws or through any reorganization, transfer of assets, consolidation, merger, scheme of arrangement, dissolution, issuance or sale of securities, or any other voluntary action, avoid or seek to avoid the observance or performance of any of the terms of this Warrant, and will at all times in good faith carry out all the provisions of this Warrant and take all action as may be required to protect the rights of the Holder. Without limiting the generality of the foregoing, the Company (a) shall not increase the par value of any shares of Common Stock receivable upon the exercise of this Warrant above the Exercise Price then in effect, (b) shall take all such actions as may be necessary or appropriate in order that the Company may validly and legally issue fully paid and non-assessable shares of Common Stock upon the exercise of this Warrant and (c) shall, so long as any of the Warrants are outstanding, take all action necessary to reserve and keep available out of its authorized and unissued shares of Common Stock, solely for the purpose of effecting the exercise of the Warrants, the number of shares of Common Stock as shall from time to time be necessary to effect the exercise of the Warrants then outstanding (without regard to any limitations on exercise). Notwithstanding anything herein to the contrary, if after the sixty (60) calendar day anniversary of the Issuance Date, the Holder is not permitted to exercise this Warrant in full for any reason (other than pursuant to restrictions set forth in Section 1(f) hereof), the Company shall use its reasonable best efforts to promptly remedy such failure, including, without limitation, obtaining such consents or approvals as necessary to permit such exercise into shares of Common Stock

6. WARRANT HOLDER NOT DEEMED A STOCKHOLDER. Except as otherwise specifically provided herein, the Holder, solely in its capacity as a holder of this Warrant, shall not be entitled to vote or receive dividends or be deemed the holder of share capital of the Company for any purpose, nor shall anything contained in this Warrant be construed to confer upon the Holder, solely in its capacity as the Holder of this Warrant, any of the rights of a stockholder of the Company or any right to vote, give or withhold consent to any corporate action (whether any reorganization, issue of stock, reclassification of stock, consolidation, merger, conveyance or otherwise), receive notice of meetings, receive dividends or subscription rights, or otherwise, prior to the issuance to the Holder of the Warrant Shares which it is then entitled to receive upon the due exercise of this Warrant. In addition, nothing contained in this Warrant shall be construed as imposing any liabilities on the Holder to purchase any securities (upon exercise of this Warrant or otherwise) or as a stockholder of the Company, whether such liabilities are asserted by the Company or by creditors of the Company. Notwithstanding this Section 6, the Company shall provide the Holder with copies of the same notices and other information given to the stockholders of the Company generally, contemporaneously with the giving thereof to the stockholders.

7. REISSUANCE OF WARRANTS.

(a) Transfer of Warrant. If this Warrant is to be transferred, the Holder shall surrender this Warrant to the Company, whereupon the Company will forthwith issue and deliver upon the order of the Holder a new Warrant (in accordance with Section 7(d)), registered as the Holder may request, representing the right to purchase the number of Warrant Shares being transferred by the Holder and, if less than the total number of Warrant Shares then underlying this Warrant is being transferred, a new Warrant (in accordance with Section 7(d)) to the Holder representing the right to purchase the number of Warrant Shares not being transferred.

(b) Lost, Stolen or Mutilated Warrant. Upon receipt by the Company of evidence reasonably satisfactory to the Company of the loss, theft, destruction or mutilation of this Warrant (as to which a written certification and the indemnification contemplated below shall suffice as such evidence), and, in the case of loss, theft or destruction, of any indemnification undertaking by the Holder to the Company in customary and reasonable form (but without the obligation to post a bond) and, in the case of mutilation, upon surrender and cancellation of this Warrant, the Company shall execute and deliver to the Holder a new Warrant (in accordance with Section 7(d)) representing the right to purchase the Warrant Shares then underlying this Warrant.

(c) Exchangeable for Multiple Warrants. This Warrant is exchangeable, upon the surrender hereof by the Holder at the principal office of the Company, for a new Warrant or Warrants (in accordance with Section 7(d)) representing in the aggregate the right to purchase the number of Warrant Shares then underlying this Warrant, and each such new Warrant will represent the right to purchase such portion of such Warrant Shares as is designated by the Holder at the time of such surrender; provided, however, no warrants for fractional shares of Common Stock shall be given.

(d) Issuance of New Warrants. Whenever the Company is required to issue a new Warrant pursuant to the terms of this Warrant, such new Warrant (i) shall be of like tenor with this Warrant, (ii) shall represent, as indicated on the face of such new Warrant, the right to purchase the Warrant Shares then underlying this Warrant (or in the case of a new Warrant being issued pursuant to Section 7(a) or Section 7(c), the Warrant Shares designated by the Holder which, when added to the number of shares of Common Stock underlying the other new Warrants issued in connection with such issuance, does not exceed the number of Warrant Shares then underlying this Warrant), (iii) shall have an issuance date, as indicated on the face of such new Warrant which is the same as the Issuance Date, and (iv) shall have the same rights and conditions as this Warrant.

8. NOTICES. Whenever notice is required to be given under this Warrant, unless otherwise provided herein, such notice shall be given in accordance with Section 3.3 of the Securities Purchase Agreement. The Company shall provide the Holder with prompt written notice of all actions taken pursuant to this Warrant (other than the issuance of shares of Common Stock upon exercise in accordance with the terms hereof), including in reasonable detail a description of such action and the reason therefor. Without limiting the generality of the foregoing, the Company will give written notice to the Holder (i) immediately upon each adjustment of the Exercise Price and the number of Warrant Shares, setting forth in reasonable detail, and certifying, the calculation of such adjustment(s) and (ii) at least ten Trading Days prior to the date on which the Company closes its books or takes a record (A) with respect to any dividend or distribution upon the shares of Common Stock, (B) with respect to any grants, issuances or sales of any Options, Convertible Securities or rights to purchase stock, warrants, securities or other property to holders of shares of Common Stock or (C) for determining rights to vote with respect to any Fundamental Transaction, dissolution or liquidation; provided in each case that such information shall be made known to the public prior to or in conjunction with such notice being provided to the Holder. It is expressly understood and agreed that the time of exercise specified by the Holder in each Exercise Notice shall be definitive and may not be disputed or challenged by the Company.

9. AMENDMENT AND WAIVER. Except as otherwise provided herein, the provisions of this Warrant (other than Section 1(f)) may be amended and the Company may take any action herein prohibited, or omit to perform any act herein required to be performed by it, only if the Company has obtained the written consent of the Holder. No waiver shall be effective unless it is in writing and signed by an authorized representative of the waiving party.

10. SEVERABILITY. If any provision of this Warrant is prohibited by law or otherwise determined to be invalid or unenforceable by a court of competent jurisdiction, the provision that would otherwise be prohibited, invalid or unenforceable shall be deemed amended to apply to the broadest extent that it would be valid and enforceable, and the invalidity or unenforceability of such provision shall not affect the validity of the remaining

provisions of this Warrant so long as this Warrant as so modified continues to express, without material change, the original intentions of the parties as to the subject matter hereof and the prohibited nature, invalidity or unenforceability of the provision(s) in question does not substantially impair the respective expectations or reciprocal obligations of the parties or the practical realization of the benefits that would otherwise be conferred upon the parties. The parties will endeavor in good faith negotiations to replace the prohibited, invalid or unenforceable provision(s) with a valid provision(s), the effect of which comes as close as possible to that of the prohibited, invalid or unenforceable provision(s).

11. GOVERNING LAW. This Warrant shall be governed by and construed and enforced in accordance with, and all questions concerning the construction, validity, interpretation and performance of this Warrant shall be governed by, the internal laws of the State of New York, without giving effect to any choice of law or conflict of law provision or rule (whether of the State of New York or any other jurisdictions) that would cause the application of the laws of any jurisdictions other than the State of New York. The Company hereby irrevocably waives personal service of process and consents to process being served in any such suit, action or proceeding by mailing a copy thereof to the Company at the address set forth on the signature page to the Securities Purchase Agreement and agrees that such service shall constitute good and sufficient service of process and notice thereof. The Company hereby irrevocably submits to the exclusive jurisdiction of the state and federal courts sitting in The City of New York, Borough of Manhattan, for the adjudication of any dispute hereunder or in connection herewith or with any transaction contemplated hereby or discussed herein, and hereby irrevocably waives, and agrees not to assert in any suit, action or proceeding, any claim that it is not personally subject to the jurisdiction of any such court, that such suit, action or proceeding is brought in an inconvenient forum or that the venue of such suit, action or proceeding is improper. Nothing contained herein shall be deemed to limit in any way any right to serve process in any manner permitted by law. Nothing contained herein shall be deemed or operate to preclude the Holder from bringing suit or taking other legal action against the Company in any other jurisdiction to collect on the Company's obligations to the Holder, to realize on any collateral or any other security for such obligations, or to enforce a judgment or other court ruling in favor of the Holder. **THE COMPANY HEREBY IRREVOCABLY WAIVES ANY RIGHT IT MAY HAVE TO, AND AGREES NOT TO REQUEST, A JURY TRIAL FOR THE ADJUDICATION OF ANY DISPUTE HEREUNDER OR IN CONNECTION WITH OR ARISING OUT OF THIS WARRANT OR ANY TRANSACTION CONTEMPLATED HEREBY.**

12. CONSTRUCTION; HEADINGS. This Warrant shall be deemed to be jointly drafted by the Company and the Holder and shall not be construed against any Person as the drafter hereof. The headings of this Warrant are for convenience of reference and shall not form part of, or affect the interpretation of, this Warrant. Terms used in this Warrant but defined in the other Transaction Documents shall have the meanings ascribed to such terms on the date of Closing (as defined in the Securities Purchase Agreement) in such other Transaction Documents unless otherwise consented to in writing by the Holder.

13. DISPUTE RESOLUTION.

(a) Submission to Dispute Resolution.

(i) In the case of a dispute relating to the Exercise Price, the Closing Sale Price, or fair market value or the arithmetic calculation of the number of Warrant Shares (as the case may be) (including, without limitation, a dispute relating to the determination of any of the foregoing), the Company or the Holder (as the case may be) shall submit the dispute to the other party via facsimile or email (A) if by the Company, within two (2) Business Days after the occurrence of the circumstances giving rise to such dispute or (B) if by the Holder, within ten (10) Trading Days after the Holder learns of the circumstances giving rise to such dispute (or, if the Holder thereafter learns new information with respect to such circumstances, within ten (10) Trading Days after the Holder learns of such new information). If the Holder and the Company are unable to promptly resolve such dispute relating to such Exercise Price, such Closing Sale Price, or such fair market value or such arithmetic calculation of the number of Warrant Shares (as the case may be), at any time after the second (2nd) Business Day following such initial notice by the Company or the Holder (as the case may be) of such dispute to the Company or the Holder (as the case may be), then the Holder and the Company shall mutually agree upon, and select, an independent, reputable investment bank to resolve such dispute at the expense of the Company.

(ii) The Holder and the Company shall each deliver to such investment bank (A) a copy of the initial dispute submission so delivered in accordance with the first sentence of this Section 13 and (B) written documentation supporting its position with respect to such dispute, in each case, no later than 5:00 p.m. (New York time) by the fifth (5th) Business Day immediately following the date on which the investment bank was selected by the parties hereto (the **Dispute Submission Deadline**) (the documents referred to in the immediately preceding clauses (A) and (B) are collectively referred to herein as the **Required Dispute Documentation**) (it being understood and agreed that if either the Holder or the Company fails to so deliver all of the Required Dispute Documentation by the Dispute Submission Deadline, then the party who fails to so submit all of the Required Dispute Documentation shall no longer be entitled to (and hereby waives its right to) deliver or submit any written documentation or other support to such investment bank with respect to such dispute and such investment bank shall resolve such dispute based solely on the Required Dispute Documentation that was delivered to such investment bank prior to the Dispute Submission Deadline). Unless otherwise agreed to in writing by both the Company and the Holder or otherwise requested by such investment bank, neither the Company nor the Holder shall be entitled to deliver or submit any written documentation or other support to such investment bank in connection with such dispute (other than the Required Dispute Documentation).

(iii) The Company and the Holder shall cause such investment bank to determine the resolution of such dispute and notify the Company and the Holder of such resolution no later than ten (10) Business Days immediately following the Dispute Submission Deadline. The fees and expenses of such investment bank shall be paid 50/50 by the Company and the Holder.

(b) Miscellaneous. The Company expressly acknowledges and agrees that (i) this Section 13 constitutes an agreement to arbitrate between the Company and the Holder (and constitutes an arbitration agreement) under the rules then in effect under § 7501, et seq. of the New York Civil Practice Law and Rules (“CPLR”) and that the Holder is authorized to apply for an order to compel arbitration pursuant to CPLR § 7503(a) in order to compel compliance with this Section 13, (ii) the terms of this Warrant and each other applicable Transaction Document shall serve as the basis for the selected investment bank’s resolution of the applicable dispute, such investment bank shall be entitled (and is hereby expressly authorized) to make all findings, determinations and the like that such investment bank determines are required to be made by such investment bank in connection with its resolution of such dispute and in resolving such dispute such investment bank shall apply such findings, determinations and the like to the terms of this Warrant and any other applicable Transaction Documents, (iii) either the Company or the Holder shall have the right to submit any dispute described in this Section 13 to any state or federal court sitting in The City of New York, Borough of Manhattan in lieu of utilizing the procedures set forth in this Section 13 and (iv) nothing in this Section 13 shall limit the Holder from obtaining any injunctive relief or other equitable remedies (including, without limitation, with respect to any matters described in this Section 13).

1 4 . REMEDIES, CHARACTERIZATION, OTHER OBLIGATIONS, BREACHES AND INJUNCTIVE RELIEF. The remedies provided in this Warrant shall be cumulative and in addition to all other remedies available under this Warrant and the other Transaction Documents, at law or in equity (including a decree of specific performance and/or other injunctive relief), and nothing herein shall limit the right of the Holder to pursue actual and consequential damages for any failure by the Company to comply with the terms of this Warrant. The Company covenants to the Holder that there shall be no characterization concerning this instrument other than as expressly provided herein. Amounts set forth or provided for herein with respect to payments, exercises and the like (and the computation thereof) shall be the amounts to be received by the Holder and shall not, except as expressly provided herein, be subject to any other obligation of the Company (or the performance thereof). The Company acknowledges that a breach by it of its obligations hereunder will cause irreparable harm to the Holder and that the remedy at law for any such breach may be inadequate. The Company therefore agrees that, in the event of any such breach or threatened breach, the holder of this Warrant shall be entitled, in addition to all other available remedies, to specific performance and/or temporary, preliminary and permanent injunctive or other equitable relief from any court of competent jurisdiction in any such case without the necessity of proving actual damages and without posting a bond or other security. The Company shall provide all information and documentation to the Holder that is requested by the Holder to enable the Holder to confirm the Company’s compliance with the terms and conditions of this Warrant (including, without limitation, compliance with Section 1(g)(ii) hereof). The issuance of shares and certificates for shares as contemplated hereby upon the exercise of this Warrant shall be made without charge to the Holder or such shares for any issuance tax or other costs in respect thereof, provided that the Company shall not be required to pay

any tax which may be payable in respect of any transfer involved in the issuance and delivery of any certificate in a name other than the Holder or its agent on its behalf.

15. PAYMENT OF COLLECTION, ENFORCEMENT AND OTHER COSTS. If (a) this Warrant is placed in the hands of an attorney for collection or enforcement or is collected or enforced through any legal proceeding or the holder otherwise takes action to collect amounts due under this Warrant or to enforce the provisions of this Warrant or (b) there occurs any bankruptcy, reorganization, receivership of the company or other proceedings affecting company creditors' rights and involving a claim under this Warrant, then the Company shall pay the costs incurred by the Holder for such collection, enforcement or action or in connection with such bankruptcy, reorganization, receivership or other proceeding, including, without limitation, attorneys' fees and disbursements.

16. TRANSFER. This Warrant may be offered for sale, sold, transferred or assigned without the consent of the Company.

17. DISCLOSURE. Upon receipt or delivery by the Company of any notice in accordance with the terms of this Warrant, unless the Company has in good faith determined that the matters relating to such notice do not constitute material, nonpublic information relating to the Company or its subsidiaries, the Company shall contemporaneously with any such receipt or delivery publicly disclose such material, nonpublic information on a Current Report on Form 8-K or otherwise. In the event that the Company believes that a notice contains material, nonpublic information relating to the Company or its subsidiaries, the Company so shall indicate to such Holder contemporaneously with delivery of such notice, and in the absence of any such indication, the Holder shall be allowed to presume that all matters relating to such notice do not constitute material, nonpublic information relating to the Company or its subsidiaries.

18. NOTICES. Whenever notice is required to be given under this Warrant, unless otherwise provided herein, such notice shall be given in writing, (i) if delivered (a) from within the domestic United States, by first-class registered or certified airmail, or nationally recognized overnight express courier, postage prepaid, electronic mail or by facsimile or (b) from outside the United States, by International Federal Express, electronic mail or facsimile, and (ii) will be deemed given (A) if delivered by first-class registered or certified mail domestic, three (3) Business Days after so mailed, (B) if delivered by nationally recognized overnight carrier, one (1) Business Day after so mailed, (C) if delivered by International Federal Express, two (2) Business Days after so mailed and (D) if delivered by electronic mail, when sent and (E) if delivered by facsimile, when sent (provided that confirmation of transmission is generated and kept by the sending party), and will be delivered and addressed as follows:

(i) if to the Company, to:

Greenlane Holdings, Inc.
1095 Broken Sound Parkway, Suite 300
Boca Raton, FL 33487
Attention: William Mote; Douglas Fischer
Email: bmote@greenlane.com; dfischer@greenlane.com

With a copy to:

Morrison & Foerster, LLP
2100 L Street, NW
Washington, D.C. 20037
Attention: Justin R. Salon
Email: JustinSalon@mof.com

(ii) if to the Holder, at such address or other contact information delivered by the Holder to Company or as is on the books and records of the Company.

19. The Company shall provide the Holder with prompt written notice of all actions taken pursuant to this Warrant, including in reasonable detail a description of such action and the reason therefor. Without limiting the generality of the foregoing, the Company will give written notice to the Holder (i) immediately upon any adjustment

of the Exercise Price, setting forth in reasonable detail, and certifying, the calculation of such adjustment and (ii) at least fifteen (15) days prior to the date on which the Company closes its books or takes a record (A) with respect to any dividend or distribution upon the shares of Common Stock, or (B) with respect to any grants, issuances or sales of any Options, Convertible Securities or rights to purchase stock, warrants, securities or other property to holders of shares of Common Stock or (C) for determining rights to vote with respect to any Fundamental Transaction, dissolution or liquidation; provided in each case that such information shall be made known to the public prior to or in conjunction with such notice being provided to the Holder. It is expressly understood and agreed that the time of exercise specified by the Holder in each Exercise Notice shall be definitive and may not be disputed or challenged by the Company.

20. CERTAIN DEFINITIONS.

For purposes of this Warrant, the following terms shall have the following meanings:

(a) “**1933 Act**” means the Securities Act of 1933, as amended, and the rules and regulations thereunder.

(b) “**1934 Act**” means the Securities Exchange Act of 1934, as amended, and the rules and regulations thereunder.

(c) “**Affiliate**” means, with respect to any Person, any other Person that directly or indirectly controls, is controlled by, or is under common control with, such Person, it being understood for purposes of this definition that “control” of a Person means the power directly or indirectly either to vote 10% or more of the stock having ordinary voting power for the election of directors of such Person or direct or cause the direction of the management and policies of such Person whether by contract or otherwise.

(d) “**Attribution Parties**” means, collectively, the following Persons and entities: (i) any investment vehicle, including, any funds, feeder funds or managed accounts, currently, or from time to time after the Issuance Date, directly or indirectly managed or advised by the Holder’s investment manager or any of its Affiliates or principals, (ii) any direct or indirect Affiliates of the Holder or any of the foregoing, (iii) any Person acting or who could be deemed to be acting as a Group together with the Holder or any of the foregoing and (iv) any other Persons whose beneficial ownership of the Company’s Common Stock would or could be aggregated with the Holder’s and the other Attribution Parties for purposes of Section 13(d) of the 1934 Act. For clarity, the purpose of the foregoing is to subject collectively the Holder and all other Attribution Parties to the Maximum Percentage.

(e) “**Bid Price**” means, for any security as of the particular time of determination, the bid price for such security on the Principal Market as reported by Bloomberg as of such time of determination, or, if the Principal Market is not the principal securities exchange or trading market for such security, the bid price of such security on the principal securities exchange or trading market where such security is listed or traded as reported by Bloomberg as of such time of determination, or if the foregoing does not apply, the bid price of such security in the over-the-counter market on the electronic bulletin board for such security as reported by Bloomberg as of such time of determination, or, if no bid price is reported for such security by Bloomberg as of such time of determination, the average of the bid prices of any market makers for such security as reported in the “pink sheets” by OTC Markets Group Inc. (formerly Pink Sheets LLC) as of such time of determination. If the Bid Price cannot be calculated for a security as of the particular time of determination on any of the foregoing bases, the Bid Price of such security as of such time of determination shall be the fair market value as mutually determined by the Company and the Holder. If the Company and the Holder are unable to agree upon the fair market value of such security, then such dispute shall be resolved in accordance with the procedures in Section 13. All such determinations shall be appropriately adjusted for any stock dividend, stock split, stock combination or other similar transaction during such period.

(f) “**Bloomberg**” means Bloomberg Financial Markets, L.P.

(g) “**Business Day**” means any day other than Saturday, Sunday or other day on which commercial banks in The City of New York are authorized or required by law to remain closed.

(h) **“Closing Bid Price”** and **“Closing Sale Price”** means, for any security as of any date, the last closing bid price and last closing trade price, respectively, for such security on the Principal Market, as reported by Bloomberg, or, if the Principal Market begins to operate on an extended hours basis and does not designate the closing bid price or the closing trade price, as the case may be, then the last bid price or the last trade price, respectively, of such security prior to 4:00:00 p.m., New York time, as reported by Bloomberg, or, if the Principal Market is not the principal securities exchange or trading market for such security, the last closing bid price or last trade price, respectively, of such security on the principal securities exchange or trading market where such security is listed or traded as reported by Bloomberg, or if the foregoing do not apply, the last closing bid price or last trade price, respectively, of such security in the over-the-counter market on the electronic bulletin board for such security as reported by Bloomberg, or, if no closing bid price or last trade price, respectively, is reported for such security by Bloomberg, the average of the bid prices, or the ask prices, respectively, of any market makers for such security as reported in the OTC Link or “pink sheets” by OTC Markets Group Inc. (formerly Pink OTC Markets Inc.). If the Closing Bid Price or the Closing Sale Price cannot be calculated for a security on a particular date on any of the foregoing bases, the Closing Bid Price or the Closing Sale Price, as the case may be, of such security on such date shall be the fair market value as mutually determined by the Company and the Holder. If the Company and the Holder are unable to agree upon the fair market value of such security, then such dispute shall be resolved pursuant to Section 13. All such determinations to be appropriately adjusted for any stock dividend, stock split, stock combination, reclassification or other similar transaction during the applicable calculation period.

(i) **“Common Stock”** means (i) the Company’s shares of Class A common stock, \$0.01 par value per share, and (ii) any capital stock into which such common stock shall have been changed or any share capital resulting from a reclassification of such common stock.

(j) **“Convertible Securities”** means any stock or other security (other than Options) that is at any time and under any circumstances, directly or indirectly, convertible into, exercisable or exchangeable for, or which otherwise entitles the holder thereof to acquire, any shares of Common Stock.

(k) **“Eligible Market”** means The NASDAQ Capital Market, the NYSE American, The NASDAQ Global Select Market, The NASDAQ Global Market or The New York Stock Exchange, Inc.

(l) **“Expiration Date”** means the date that is the fifth (5th) anniversary of the issuance date of the Prior Warrant or, if such date falls on a day other than a Trading Day or on which trading does not take place on the Principal Market (a **“Holiday”**), the next date that is not a Holiday.

(m) **“Fundamental Transaction”** means (A) that the Company shall, directly or indirectly, including through subsidiaries, Affiliates or otherwise, in one or more related transactions, (i) consolidate or merge with or into (whether or not the Company is the surviving corporation) another Subject Entity, or (ii) sell, assign, transfer, convey or otherwise dispose of all or substantially all of the properties or assets of the Company or any of its “significant subsidiaries” (as defined in Rule 1-02 of Regulation S-X) to one or more Subject Entities, or (iii) make, or allow one or more Subject Entities to make, or allow the Company to be subject to or have its shares of Common Stock be subject to or party to one or more Subject Entities making, a purchase, tender or exchange offer that is accepted by the holders of at least either (x) 50% of the outstanding shares of Common Stock, (y) 50% of the outstanding shares of Common Stock calculated as if any shares of Common Stock held by all Subject Entities making or party to, or Affiliated with any Subject Entities making or party to, such purchase, tender or exchange offer were not outstanding; or (z) such number of shares of Common Stock such that all Subject Entities making or party to, or Affiliated with any Subject Entity making or party to, such purchase, tender or exchange offer, become collectively the beneficial owners (as defined in Rule 13d-3 under the 1934 Act) of at least 50% of the outstanding shares of Common Stock, or (iv) consummate a stock purchase agreement or other business combination (including, without limitation, a reorganization, recapitalization, spin-off or scheme of arrangement) with one or more Subject Entities whereby all such Subject Entities, individually or in the aggregate, acquire, either (x) at least 50% of the outstanding shares of Common Stock, (y) at least 50% of the outstanding shares of Common Stock calculated as if any shares of Common Stock held by all the Subject Entities making or party to, or Affiliated with any Subject Entity making or party to, such stock purchase agreement or other business combination were not outstanding; or (z) such number of shares of Common Stock such that the Subject Entities become collectively the beneficial owners (as defined in Rule 13d-3 under the 1934 Act) of at least 50% of the outstanding shares of Common Stock, or (v) reorganize, recapitalize or reclassify its shares of Common Stock, (B) that the Company shall, directly or indirectly,

including through subsidiaries, Affiliates or otherwise, in one or more related transactions, allow any Subject Entity individually or the Subject Entities in the aggregate to be or become the “beneficial owner” (as defined in Rule 13d-3 under the 1934 Act), directly or indirectly, whether through acquisition, purchase, assignment, conveyance, tender, tender offer, exchange, reduction in outstanding shares of Common Stock, merger, consolidation, business combination, reorganization, recapitalization, spin-off, scheme of arrangement, reorganization, recapitalization or reclassification or otherwise in any manner whatsoever, of either (x) at least 50% of the aggregate ordinary voting power represented by issued and outstanding shares of Common Stock, (y) at least 50% of the aggregate ordinary voting power represented by issued and outstanding shares of Common Stock not held by all such Subject Entities as of the Issuance Date calculated as if any shares of Common Stock held by all such Subject Entities were not outstanding, or (z) a percentage of the aggregate ordinary voting power represented by issued and outstanding shares of Common Stock or other equity securities of the Company sufficient to allow such Subject Entities to effect a statutory short form merger or other transaction requiring other stockholders of the Company to surrender their Common Stock without approval of the stockholders of the Company or (C) directly or indirectly, including through subsidiaries, Affiliates or otherwise, in one or more related transactions, the issuance of or the entering into any other instrument or transaction structured in a manner to circumvent, or that circumvents, the intent of this definition in which case this definition shall be construed and implemented in a manner otherwise than in strict conformity with the terms of this definition to the extent necessary to correct this definition or any portion of this definition which may be defective or inconsistent with the intended treatment of such instrument or transaction.

(n) “**Group**” means a “group” as that term is used in Section 13(d) of the 1934 Act and as defined in Rule 13d-5 thereunder.

(o) “**Options**” means any rights, warrants or options to subscribe for or purchase shares of Common Stock or Convertible Securities.

(p) “**Parent Entity**” of a Person means an entity that, directly or indirectly, controls the applicable Person, including such entity whose common stock or equivalent equity security is quoted or listed on an Eligible Market (or, if so elected by the Holder, any other market, exchange or quotation system), or, if there is more than one such Person or such entity, the Person or such entity designated by the Holder or in the absence of such designation, such Person or entity with the largest public market capitalization as of the date of consummation of the Fundamental Transaction.

(q) “**Person**” means an individual, a limited liability company, a partnership, a joint venture, a corporation, a trust, an unincorporated organization, any other entity or a government or any department or agency thereof.

(r) “**Principal Market**” means the NASDAQ Global Market.

(s) “**Required Holders**” means the Holders of this Warrant representing at least a majority of shares of Common Stock underlying this Warrant then outstanding.

(t) “**SEC**” means the United States Securities and Exchange Commission or the successor thereto.

(u) “**Subject Entity**” means any Person, Persons or Group or any Affiliate or associate of any such Person, Persons or Group.

(v) “**Successor Entity**” means one or more Person or Persons (or, if so elected by the Holder, the Company or Parent Entity) formed by, resulting from or surviving any Fundamental Transaction or one or more Person or Persons (or, if so elected by the Holder, the Company or the Parent Entity) with which such Fundamental Transaction shall have been entered into.

(w) “**Trading Day**” means, as applicable, (x) with respect to all price or trading volume determinations relating to the Common Stock, any day on which the Common Stock is traded on the Principal Market, or, if the Principal Market is not the principal trading market for the Common Stock, then on the principal securities exchange or securities market on which the Common Stock is then traded, provided that “Trading Day” shall not include any day on which the Common Stock is scheduled to trade on such exchange or market for less

than 4.5 hours or any day that the Common Stock is suspended from trading during the final hour of trading on such exchange or market (or if such exchange or market does not designate in advance the closing time of trading on such exchange or market, then during the hour ending at 4:00:00 p.m., New York time) or (y) with respect to all determinations other than price determinations relating to the Common Stock, any day on which The New York Stock Exchange (or any successor thereto) is open for trading of securities.

(x) **“Transaction Documents”** means any agreement entered into by and between the Company and the Holder, as applicable.

(y) **“Weighted Average Price”** means, for any security as of any date, the dollar volume-weighted average price for such security on the Principal Market during the period beginning at 9:30:01 a.m., New York time (or such other time as the Principal Market publicly announces is the official open of trading), and ending at 4:00:00 p.m., New York time (or such other time as the Principal Market publicly announces is the official close of trading), as reported by Bloomberg through its “Volume at Price” function or, if the foregoing does not apply, the dollar volume-weighted average price of such security in the over-the-counter market on the electronic bulletin board for such security during the period beginning at 9:30:01 a.m., New York time (or such other time as such market publicly announces is the official open of trading), and ending at 4:00:00 p.m., New York time (or such other time as such market publicly announces is the official close of trading), as reported by Bloomberg, or, if no dollar volume-weighted average price is reported for such security by Bloomberg for such hours, the average of the highest Closing Bid Price and the lowest closing ask price of any of the market makers for such security as reported in the OTC Link or “pink sheets” by OTC Markets Group Inc. (formerly Pink OTC Markets Inc.). If the Weighted Average Price cannot be calculated for a security on a particular date on any of the foregoing bases, the Weighted Average Price of such security on such date shall be the fair market value as mutually determined by the Company and the Holder. If the Company and the Holder are unable to agree upon the fair market value of such security, then such dispute shall be resolved pursuant to Section 13 with the term “Weighted Average Price” being substituted for the term “Exercise Price.” All such determinations shall be appropriately adjusted for any stock dividend, stock split, stock combination, reclassification or other similar transaction during the applicable calculation period.

[signature page follows]

IN WITNESS WHEREOF, the Company has caused this Warrant to Purchase Common Stock to be duly executed as of the Issuance Date set out above.

GREENLANE HOLDINGS, INC.

By:

Name:

Title:

EXHIBIT A

EXERCISE NOTICE

TO BE EXECUTED BY THE REGISTERED HOLDER TO EXERCISE THIS
WARRANT TO PURCHASE COMMON STOCK

GREENLANE HOLDINGS, INC.

The undersigned holder hereby elects to exercise the Warrant to Purchase Common Stock No. _____ (the "**Warrant**") of Greenlane Holdings, Inc., a Delaware corporation (the "**Company**") as specified below. Capitalized terms used herein and not otherwise defined shall have the respective meanings set forth in the Warrant.

1. Form of Exercise Price. The Holder intends that payment of the Aggregate Exercise Price shall be made as:

_____ a "Cash Exercise" with respect to _____ Warrant Shares; and/or

_____ a "Cashless Exercise" with respect to _____ Warrant Shares.

2. Payment of Exercise Price. In the event that the Holder has elected a Cash Exercise with respect to some or all of the Warrant Shares to be issued pursuant hereto, the Holder shall pay the Aggregate Exercise Price in the sum of \$ _____ to the Company in accordance with the terms of the Warrant.

3. Delivery of Warrant Shares. The Company shall deliver to Holder, or its designee or agent as specified below, _____ shares of Common Stock in accordance with the terms of the Warrant. Delivery shall be made to Holder, or for its benefit, as follows:

Check here if requesting delivery as a certificate to the following name and to the following address:

Issue to:

Check here if requesting delivery by Deposit/Withdrawal at Custodian as follows:

DTC Participant:

DTC Number:

Account Number:

Date: _____, _____

Name of Registered Holder

By:

Name:

Title:

Tax ID:

Facsimile:

E-mail Address:

EXHIBIT B

ACKNOWLEDGMENT

The Company hereby acknowledges this Exercise Notice and hereby directs Equiniti Trust Company, as transfer agent, to issue the above indicated number of shares of Common Stock on or prior to the applicable Share Delivery Date.

GREENLANE HOLDINGS, INC.

By:

Name:

Title:

**CERTIFICATION OF CHIEF EXECUTIVE OFFICER PURSUANT
TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002**

I, Nicholas Kovacevich, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Greenlane Holdings, Inc.
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report.
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report.
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: November 15, 2021

/s/ NICHOLAS KOVACEVICH

Nicholas Kovacevich
Chief Executive Officer

**CERTIFICATION OF CHIEF FINANCIAL OFFICER PURSUANT
TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002**

I, William Mote, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Greenlane Holdings, Inc.
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report.
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report.
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: November 15, 2021

/s/ William Mote

William Mote

Chief Financial Officer

**CERTIFICATION PURSUANT TO
18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the Quarterly Report of Greenlane Holdings, Inc. (the "Company") on Form 10-Q for the period ended September 30, 2021 as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Nicholas Kovacevich, the Chief Executive Officer of the Company, and I, William Mote, the Chief Financial Officer of the Company, certify, to our knowledge, pursuant to 18 U.S.C. §1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

1. the Report fully complies with the requirements of Section 13(a) or Section 15(d) of the Securities Exchange Act of 1934, as amended; and
2. the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: November 15, 2021

/s/ NICHOLAS KOVACEVICH

Nicholas Kovacevich
Chief Executive Officer

/s/ William Mote

William Mote
Chief Financial Officer