www.altascilabs.com

1 Hartford Square, New Britain, CT 06052
Tel: (860) 224-6668

Customer Name: Curaleaf, LLC
Customer Address: 100 Grist Mill Ln.
Simsbury, CT 06070
Phone Number: 860-271-9318

Results issued on: 7/19/2017 COA No.: 56071917-A

Client Lot Number	Sample ID	Tests Conducted
1705045B-RD	2242-3 2242-4	Quality Control Analysis
	2242-4	Active Ingredient Analysis
	2242-4	Terpene Analysis

Quality Control Results

Analysis	Test Conducted	Specification	Results (Pass/Fail)
Microbiology	Total Aerobic Microbial Count	< 2,000 CFU/g	Passed
	Total Yeast and Mold Count	< 200 CFU/g	Passed
	Bile-tolerant Gram-negative Bacteria	Not Present	Passed
	Staphylococcus aureus	Not Present	Passed
	Pseudomonas aeruginosa	Not Present	Passed
Mycotoxins	Aflatoxin B1	< 20 ug/Kg	Passed
	Aflatoxin B2	< 20 ug/Kg	Passed
	Aflatoxin G1	< 20 ug/Kg	Passed
	Aflatoxin G2	< 20 ug/Kg	Passed
	Ochratoxin A	< 20 ug/Kg	Passed
Heavy Metals	Arsenic - As	< 4.206 ug/g	Passed
	Cadmium - Cd	< 2.704 ug/g	Passed
	Mercury - Hg	< 8.712 ug/g	Passed
	Lead - Pb	< 8.712 ug/g	Passed
Pesticides	*See attachment A*		Passed

©2017 AltaSci, LLC All rights reserved. Sample(s) tested were collected at the Customer's production facility from lot(s) as designated by the Customer. All results contained in this Certificate of Analysis, CoA, only reflect the "status" of the sample(s) tested. AltaSci, LLC does not guarantee that the "status" of the sampled lot(s) will not change due to any processing by the Customer following the testing by AltaSci, LLC

www.altascilabs.com

1 Hartford Square, New Britain, CT 06052
Tel: (860) 224-6668

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per mL of product (d = 1001 mg/mL)
Δ^9-Tetrahydrocannabinol Acid (Δ^9-THC-A)	<0.1%	<0.1
Tetrahydrocannabinol (THC)	21.1%	211.2
Cannabidiol Acid (CBD-A)	<0.1%	<0.1
Cannabidiol (CBD)	0.1%	1.0
Cannabigerol Acid (CBG-A)	<0.1%	<0.1
Cannabigerol (CBG)	0.3%	3.0
Cannabinol (CBN)	0.1%	1.0
Cannabichromene (CBC)	0.2%	2.0

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α-Pinene	<0.1%
β-Pinene	<0.1%
β-Myrcene	<0.1%
Limonene	<0.1%
Ocimene	<0.1%
Linalool	<0.1%
β-Caryophyllene	<0.1%
Humulene	<0.1%

Results Approved by: Jose A. Zavaleta, Lab Director

©2017 AltaSci, LLC All rights reserved. Sample(s) tested were collected at the Customer's production facility from lot(s) as designated by the Customer. All results contained in this Certificate of Analysis, CoA, only reflect the "status" of the sample(s) tested. AltaSci, LLC does not guarantee that the "status" of the sampled lot(s) will not change due to any processing by the Customer following the testing by AltaSci, LLC

Client Lot Number: 1705045B-RD

1 Hartford Square, New Britain, CT 06052
Tel: (860) 224-6668

Attachment A

Pesticide	Residue limits according to EPA in parts per billion (ppb)	Results
Avermectin (abamectin)	< 10	Pass
Acequinocyl	< 20	Pass
Bifenazate	< 100	Pass
Bifenthrin (synthetic pyrethroid)	< 50	Pass
Cyfluthrin (synthetic pyrethroid)	< 20	Pass
Etoxazole	< 10	Pass
Imazalil	< 100	Pass
Imidacloprid	< 50	Pass
Myclobutanil	< 20	Pass
Paclobutrazol	< 400	Pass
Pyrethrins (synthetic)	< 50	Pass
Spinosad	< 10	Pass
Spiromesifen	< 20	Pass
Spirotetramat	< 200	Pass
Trifloxystrobin	< 50	Pass

©2017 AltaSci, LLC All rights reserved. Sample(s) tested were collected at the Customer's production facility from lot(s) as designated by the Customer. All results contained in this Certificate of Analysis, CoA, only reflect the "status" of the sample(s) tested. AltaSci, LLC does not guarantee that the "status" of the sampled lot(s) will not change due to any processing by the Customer following the testing by AltaSci, LLC

Client Lot Number: 1705045B-RD