

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

Results issued on: 6/2/2019 COA No.: 56060219-A

Client Lot Number	Sample ID	Tests Conducted
190522B-BD	2354-1	Quality Control Analysis
	2354-2	
	2354-2	Active Ingredient Analysis
	2354-2	Terpene Analysis

Quality Control Results

<u>Analysis</u>	<u>Test Conducted</u>	<u>Specification</u>	<u>Results (Pass/Fail)</u>
Microbiology	Total Aerobic Microbial Count	< 200 CFU/g	Passed
	Total Yeast and Mold Count	< 20 CFU/g	Passed
	Gram-negative Bacteria	Not Present	Passed
	<i>Staphylococcus aureus</i>	Not Present	Passed
	<i>Pseudomonas aeruginosa</i>	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

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Client Lot Number: 190522B-BD

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 0.3-grams of product	mg per 0.5-grams of product	mg per 1-gram of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	0.34%	1.02	1.70	3.40
Tetrahydrocannabinol (THC)	69.1%	207	345	691
Cannabidiol Acid (CBD-A)	<0.10%	<0.10	<0.10	<0.10
Cannabidiol (CBD)	0.29%	0.87	1.45	2.90
Cannabigerol Acid (CBG-A)	0.20%	0.60	1.00	2.00
Cannabigerol (CBG)	1.28%	3.84	6.40	12.8
Cannabinol (CBN)	0.17%	0.51	0.85	1.70
Cannabichromene (CBC)	0.59%	1.77	2.95	5.90

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	2.54%
β -Pinene	1.12%
β -Myrcene	2.47%
Limonene	1.03%
Ocimene	<0.10%
Linalool	0.78%
β -Caryophyllene	2.66%
Humulene	0.73%
d-3-Carene	0.24%
Nerolidol	0.28%
Guaiol	0.15%
α -Bisabolol	0.41%



Results Approved by: Jose A. Zavaleta, Lab Director

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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

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