

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

Results issued on: 5/8/2019 COA No.: 56050819-A

Client Lot Number	Sample ID	Tests Conducted
190430B-DS	2352-1	Quality Control Analysis
	2352-2	
	2352-2	Active Ingredient Analysis
	2352-2	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: 190430B-DS

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)	0.68%	2.04	3.40	6.80
Tetrahydrocannabinol (THC)	74.5%	224	373	745
Cannabidiol Acid (CBD-A)	0.11%	0.33	0.55	1.10
Cannabidiol (CBD)	0.55%	1.65	2.75	5.50
Cannabigerol Acid (CBG-A)	0.31%	0.93	1.55	3.10
Cannabigerol (CBG)	1.34%	4.02	6.70	13.4
Cannabinol (CBN)	0.12%	0.36	0.60	1.20
Cannabichromene (CBC)	0.51%	1.53	2.55	5.10

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	0.12%
β -Pinene	0.11%
β -Myrcene	0.32%
Limonene	0.70%
Ocimene	<0.10%
Linalool	1.09%
β -Caryophyllene	2.64%
Humulene	0.95%



Results Approved by: Jose A. Zavaleta, Lab Director

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Client Lot Number: **190430B-DS**

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