

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

Results issued on: 9/28/2018 COA No.: 56092818-B

Client Lot Number	Sample ID	Tests Conducted
180920A-CS	2329-3	Quality Control Analysis
	2329-4	
	2329-4	Active Ingredient Analysis
	2329-4	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	< 2,000 CFU/g	Pass
	Total Yeast and Mold Count	< 200 CFU/g	Pass
	Bile-tolerant Gram-negative Bacteria	Not Present	Pass
	<i>Staphylococcus aureus</i>	Not Present	Pass
	<i>Pseudomonas aeruginosa</i>	Not Present	Pass
Mycotoxins	Aflatoxin B1	< 20 ug/Kg	Pass
	Aflatoxin B2	< 20 ug/Kg	Pass
	Aflatoxin G1	< 20 ug/Kg	Pass
	Aflatoxin G2	< 20 ug/Kg	Pass
	Ochratoxin A	< 20 ug/Kg	Pass
Heavy Metals	Arsenic - As	< 4.206 ug/g	Pass
	Cadmium - Cd	< 2.704 ug/g	Pass
	Mercury - Hg	< 8.712 ug/g	Pass
	Lead - Pb	< 8.712 ug/g	Pass
Pesticides	See attachment A		Pass

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Client Lot Number: 180920A-CS

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
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	0.60%	1.80	3.00
Tetrahydrocannabinol (THC)	32.9%	98.7	165
Cannabidiol Acid (CBD-A)	4.54%	13.6	22.7
Cannabidiol (CBD)	17.9%	53.7	89.5
Cannabigerol Acid (CBG-A)	0.17%	0.51	0.85
Cannabigerol (CBG)	0.78%	2.34	3.90
Cannabinol (CBN)	0.45%	1.35	2.25
Cannabichromene (CBC)	1.50%	4.50	7.50

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	0.93%
β -Pinene	0.36%
β -Myrcene	1.81%
Limonene	1.48%
Ocimene	<0.10%
Linalool	0.88%
β -Caryophyllene	3.58%
Humulene	1.49%
d-3-Carene	0.15%
Terpinolene	0.19%
Guaiol	0.27%
α -Bisabolol	1.00%
Nerolidol	0.26%



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