

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

Results issued on: 1/8/2016 COA No.: 56010716-B

Client Lot Number	Sample ID	Tests Conducted
159A	56010516-3	Quality Control Analysis
	56010516-4	Active Ingredient Analysis
	56010516-4	Terpene Analysis

Quality Control Results

<u>Test</u>	<u>Specification</u>	<u>Results</u> <u>(Pass/Fail)</u>
Microbiology	Total Aerobic Microbial Count (< 2K CFU/g)	Pass
	Total Yeast and Mold Count (< 200 CFU/g)	Pass
	Bile-tolerant Gram-negative Bacteria (absence)	Pass
	<i>Staph. aureus</i> (absence)	Pass
	<i>Pseud. aeruginosa</i> (absence)	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	<i>See attachment A</i>	Pass

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Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per mL of product
Δ^9-Tetrahydrocannabinol Acid (Δ^9-THC-A)	38.93%	424.3
Δ^9-Tetrahydrocannabinol (Δ^9-THC)	23.53%	256.5
Cannabidiol Acid (CBD-A)	0.22%	2.4
Cannabidiol (CBD)	0.26%	2.8
Cannabigerol Acid (CBG-A)	0.67%	7.3
Cannabigerol (CBG)	0.39%	4.3
Cannabinol (CBN)	0.41%	4.5
Cannabichromene (CBC)	0.34%	3.7

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α-Pinene	0.01%
β-Pinene	0.04%
β-Myrcene	0.27%
Limonene	0.69%
Ocimene	<0.01%
Linalool	0.13%
β-Caryophyllene	1.94%
Humulene	0.82%



Results Approved by: Jose A. Zavaleta, Lab Director

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