

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

Results issued on: 11/5/2015 COA No.: 56110515-B

Sample ID	Test Conducted	Client Lot Number
56110315-12	Quality Control Analysis	73A
56110315-11	Active Ingredient Analysis	
56110315-11	Terpene Content 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)	17.103%	182.15
Δ^9-Tetrahydrocannabinol (Δ^9-THC)	51.927%	553.02
Cannabidiol Acid (CBD-A)	0.489%	5.21
Cannabidiol (CBD)	0.736%	7.84
Cannabigerol Acid (CBG-A)	2.089%	22.25
Cannabigerol (CBG)	2.405%	25.61
Cannabinol (CBN)	0.549%	5.85
Cannabichromene (CBC)	0.623%	6.63

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α-Pinene	1.031%
β-Pinene	0.800%
β-Myrcene	1.862%
Limonene	1.023%
Ocimene	0.036%
Linalool	0.015%
β-Caryophyllene	0.768%
Humulene	0.231%



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