

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

Results issued on: 2/2/2017 COA No.: 56020217-H

Client Lot Number	Sample ID	Tests Conducted
1701006A-CB	2221-9	Quality Control Analysis
	2221-11	
	2221-11	Active Ingredient Analysis
	2221-11	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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Client Lot Number: 1701006A-CB

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per mL of product (d = 1060.0 mg/mL)
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	0.2%	2.1
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	29.0%	307.4
Cannabidiol Acid (CBD-A)	0.2%	2.1
Cannabidiol (CBD)	42.6%	451.6
Cannabigerol Acid (CBG-A)	0.2%	2.1
Cannabigerol (CBG)	1.6%	17.0
Cannabinol (CBN)	0.3%	3.2
Cannabichromene (CBC)	3.0%	31.8

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	<0.1%
β -Pinene	<0.1%
β -Myrcene	0.1%
Limonene	0.1%
Ocimene	<0.1%
Linalool	0.2%
β -Caryophyllene	0.4%
Humulene	0.2%



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