

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

Sample ID: 56032715-1 (Lot 20D)

Results issued on: 3/31/2015

COA No. 2043-A

Quality Control Analysis

<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/ <i>Escherichia coli</i> (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 G1 (< 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

Cannabinoid Analysis

Via High Performance Liquid Chromatography (HPLC) Analysis

Cannabinoid	Percent by Weight (w/w)
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	17.694%
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	10.329%
Cannabidiol Acid (CBD-A)	<0.010%
Cannabidiol (CBD)	0.103%
Cannabigerol Acid (CBG-A)	0.391%
Cannabigerol (CBG)	0.206%
Cannabinol (CBN)	0.077%
Cannabichromene (CBC)	0.151%

Cannabinoid	mg per gram of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	176.94
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	103.29
Cannabidiol Acid (CBD-A)	<0.010
Cannabidiol (CBD)	1.030
Cannabigerol Acid (CBG-A)	3.910
Cannabigerol (CBG)	2.060
Cannabinol (CBN)	0.770
Cannabichromene (CBC)	1.510

Terpenoid Analysis

Via Gas Chromatography Mass Spectrometry (GC-MS) Analysis

Terpene	Percent by Weight (w/w)
α -Pinene	<0.010%
β -Pinene	0.025%
β -Myrcene	0.116%
Limonene	0.263%
β -Caryophyllene	0.923%
Humulene	0.292%



Results Approved by: Jose A. Zavaleta, 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