

Customer Name: CT Pharmaceutical Solutions

Customer Address: 47 Lower Main St.

Portland, CT 06480

Phone Number: 860-740-4340

Results issued on: 7/31/2020 COA No.: 89073120-A

Client Lot Number	Sample ID	Tests Conducted
DC0088	8066-1	Quality Control Analysis
	8066-2	
	8066-2	Active Ingredient Analysis
	8066-2	Terpene Analysis

Quality Control Results

<u>Test</u>	<u>Test Conducted</u>	<u>Specification</u>	<u>Results (Pass/Fail)</u>
Microbiology	Total Aerobic Microbial Count	≤ 200 CFU/g	Passed
	Total Yeast and Mold Count	≤ 20 CFU/g	Passed
	Gram-negative Bacteria	Not Present	Passed
	<i>Staphylococcus aureus</i>	Not Present	Passed
	<i>Pseudomonas aeruginosa</i>	Not Present	Passed
Mycotoxins	Aflatoxin B1	< 20 ug/Kg	Passed
	Aflatoxin B2	< 20 ug/Kg	Passed
	Aflatoxin G1	< 20 ug/Kg	Passed
	Aflatoxin G2	< 20 ug/Kg	Passed
	Ochratoxin A	< 20 ug/Kg	Passed
Heavy Metals	Arsenic - As	< 4.206 ug/g	Passed
	Cadmium - Cd	< 2.704 ug/g	Passed
	Mercury - Hg	< 8.712 ug/g	Passed
	Lead - Pb	< 8.712 ug/g	Passed
Pesticides	See attachment A		Residues Detected
			ND

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Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)
Tetrahydrocannabinol Acid (THC-A)	0.12%
Tetrahydrocannabinol (THC)	15.1%
Cannabidiol Acid (CBD-A)	0.65%
Cannabidiol (CBD)	57.7%
Cannabigerol Acid (CBG-A)	<0.10%
Cannabigerol (CBG)	1.54%
Cannabinol (CBN)	0.18%
Cannabichromene (CBC)	2.84%
Tetrahydrocannabivarin (THCV)	0.18%
Cannabidivarin (CBDV)	<0.10%

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	<0.10%
β -Pinene	<0.10%
β -Myrcene	0.14%
Limonene	<0.10%
Ocimene	<0.10%
Linalool	0.22%
β -Caryophyllene	0.86%
Humulene	0.36%
Guaiol	0.37%
α -Bisabolol	0.39%



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)
Avermectin (abamectin)	< 10
Acequinocyl	< 20
Bifenazate	< 100
Bifenthrin (synthetic pyrethroid)	< 50
Cyfluthrin (synthetic pyrethroid)	< 20
Etoxazole	< 10
Imazalil	< 100
Imidacloprid	< 50
Myclobutanil	< 20
Paclobutrazol	< 400
Pyrethrins (synthetic)	< 50
Spinosad	< 10
Spiromesifen	< 20
Spirotetramat	< 200
Trifloxystrobin	< 50

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