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1 Hartford Square, New Britain, CT 06052
Tel: (860) 224-6668

Customer Name: CT Pharmaceutical Solutions
Customer Address: 47 Lower Main St.
Portland, CT 06480
Phone Number: 860-740-4340

Results issued on: 6/8/2020 COA No.: 89060820-B

Client Lot Number	Sample ID	Tests Conducted
SSC020320	8058-3 8058-4	Quality Control Analysis
	8058-4	Active Ingredient Analysis
	8058-4	Terpene Analysis

Quality Control Results

Test	Test Conducted	Specification	Results (Pass/Fail)
Microbiology	Total Aerobic Microbial Count	< 10^6 CFU/g	Passed
	Total Yeast and Mold Count	< 10^4 CFU/g	Passed
	Gram-negative Bacteria	< 10^2 CFU/g	Passed
	E. coli (pathogenic strains)	Not Detected in 1 gram	Passed
	Salmonella	Not Detected in 1 gram	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
			Residues Detected
Pesticides	*See attachment A*		ND

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Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Dry-weight percent (w/w)
Δ^9-Tetrahydrocannabinol Acid (Δ^9-THC-A)	32.8%
Δ^9-Tetrahydrocannabinol (Δ^9-THC)	0.11%
Cannabidiol Acid (CBD-A)	<0.10%
Cannabidiol (CBD)	<0.10%
Cannabigerol Acid (CBG-A)	1.10%
Cannabigerol (CBG)	<0.10%
Cannabinol (CBN)	<0.10%
Cannabichromene (CBC)	<0.10%
Tetrahhydrocannabivarin (THCV)	<0.10%
Cannabidivarin (CBDV)	<0.10%

Dry-weight percent cannabinoid content = wet-weight percent cannabinoid / (1 – percent moisture / 100)

"Wet-weight" means the weight of the sample as it was collected from facility.

Moister Content (% w/w)
8.00%

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	0.31%
Limonene	0.28%
Ocimene	<0.10%
Linalool	0.21%
β-Caryophyllene	0.53%
Humulene	0.17%

Results Approved by: Jose A. Zavaleta, Lab Director

Client Lot Number: SSC020320

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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