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

Customer Name: Theraplant, LLC
Customer Address: 856 Echo Lake Road
Watertown, CT 06795
Phone Number: 860-417-6481

Results issued on: 6/15/2020 COA No.: 84061520-A

Client Lot Number	Sample ID	Tests Conducted
FRSO20-001	1582-11 1582-12	Quality Control Analysis
	1582-12	Active Ingredient Analysis
	1582-12	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	Not Present	Passed
	Staphylococcus aureus	Not Present	Passed
	Pseudomonas aeruginosa	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)	mg per 1-mL
Δ^9-Tetrahydrocannabinol Acid (Δ^9-THC-A)	<0.10%	<0.10
Δ^9-Tetrahydrocannabinol (Δ^9-THC)	40.1%	341.6
Cannabidiol Acid (CBD-A)	<0.10%	<0.10
Cannabidiol (CBD)	41.1%	350.1
Cannabigerol Acid (CBG-A)	<0.10%	<0.10
Cannabigerol (CBG)	1.32%	11.2
Cannabinol (CBN)	0.59%	5.02
Cannabichromene (CBC)	0.20%	1.70
Tetrahhydrocannabivarin (THCV)	0.24%	2.04
Cannabidivarin (CBDV)	0.11%	0.93
	Total	712.6

Total cannabinoids in 0.1 mL of product = 71.2

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	<0.10%
Limonene	<0.10%
Ocimene	<0.10%
Linalool	<0.10%
β-Caryophyllene	<0.10%
Humulene	<0.10%

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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