

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

Results issued on: 12/21/2020 COA No.: 84122120-A

Client Lot Number	Sample ID	Tests Conducted
SPEN20-029	1639-3	Quality Control Analysis
	1639-4	
	1639-4	Active Ingredient Analysis
	1639-4	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

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Client Lot Number: SPEN20-029

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 1-mL	mg per 0.284-g of product	mg per 0.497-g of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	2.25%	21.8	6.39	11.2
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	68.2%	661	194	339
Cannabidiol Acid (CBD-A)	0.12%	1.16	0.34	0.60
Cannabidiol (CBD)	2.96%	28.7	8.41	14.7
Cannabigerol Acid (CBG-A)	0.27%	2.62	0.77	1.34
Cannabigerol (CBG)	1.58%	15.3	4.49	7.85
Cannabinol (CBN)	0.92%	8.91	2.61	4.57
Cannabichromene (CBC)	1.64%	15.9	4.66	8.15
Tetrahydrocannabivarin (THCV)	0.79%	7.66	2.24	3.93
Cannabidivarin (CBDV)	<0.10%	<0.10	<0.10	<0.10
Total		763.0	223.9	391.3

Total Cannabinoids per 0.1 mL = 76.3 mg

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	0.53%
Limonene	1.06%
Ocimene	<0.10%
Linalool	0.55%
β -Caryophyllene	1.91%
Humulene	0.52%



Results Approved by Jose A. Zavaleta, Lab Director

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