

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-B

Client Lot Number	Sample ID	Tests Conducted
SPEN20-030	1639-5	Quality Control Analysis
	1639-6	
	1639-6	Active Ingredient Analysis
	1639-6	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: **SPEN20-030**

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 1-mL	mg per 0.265-g of product	mg per 0.465-g of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	1.31%	12.5	3.47	6.09
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	74.0%	707	196	344
Cannabidiol Acid (CBD-A)	<0.10%	<0.10	<0.10	<0.10
Cannabidiol (CBD)	0.52%	4.97	1.38	2.42
Cannabigerol Acid (CBG-A)	0.30%	2.87	0.79	1.39
Cannabigerol (CBG)	1.92%	18.3	5.09	8.93
Cannabinol (CBN)	0.89%	8.51	2.36	4.14
Cannabichromene (CBC)	0.99%	9.46	2.62	4.60
Tetrahydrocannabivarin (THCV)	0.59%	5.64	1.56	2.74
Cannabidivarin (CBDV)	<0.10%	<0.10	<0.10	<0.10
Total		769.2	213.3	374.3

Total Cannabinoids per 0.1 mL = 76.9 mg

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	0.13%
β -Pinene	0.32%
β -Myrcene	0.54%
Limonene	0.95%
Ocimene	<0.10%
Linalool	0.57%
β -Caryophyllene	1.62%
Humulene	0.28%



Results Approved by Jose A. Zavaleta, Lab Director

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