

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

Results issued on: 4/12/2022 COA No.: 84041222-B

Client Lot Number	Sample ID	Tests Conducted	Reference Method
SPEN22-007	1767-3 1767-4	Quality Control Analysis	
	1767-4	Active Ingredient Analysis	ASL-SOP-300
	1767-4	Terpene Analysis	ASL-SOP-301

Quality Control Results

<u>Test</u>	<u>Test Conducted</u>	<u>Reference Method</u>	<u>Specification</u>	<u>Results (Pass/Fail)</u>
Microbiology	Total Aerobic Microbial Count	USP <1111>	< 200 CFU/g	Passed
	Total Yeast and Mold Count	USP <1111>	< 20 CFU/g	Passed
	<i>P. aeruginosa</i>	USP <1111>	Not Detected in 1 gram	Passed
	<i>S. aureus</i>	USP <1111>	Not Detected in 1 gram	Passed
	Gram Neg.	USP <1111>	Not Detected in 1 gram	Passed
Mycotoxins	Aflatoxin B1	ASL-SOP-213	< 20 ug/Kg	Passed
	Aflatoxin B2	ASL-SOP-213	< 20 ug/Kg	Passed
	Aflatoxin G1	ASL-SOP-213	< 20 ug/Kg	Passed
	Aflatoxin G2	ASL-SOP-213	< 20 ug/Kg	Passed
	Ochratoxin A	ASL-SOP-213	< 20 ug/Kg	Passed
Heavy Metals	Arsenic - As	ASL-SOP-400	< 0.14 ug/Kg	Passed
	Cadmium - Cd	ASL-SOP-400	< 0.09 ug/Kg	Passed
	Mercury - Hg	ASL-SOP-400	< 0.29 ug/Kg	Passed
	Lead - Pb	ASL-SOP-400	< 0.29 ug/Kg	Passed

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Client Lot Number: SPEN22-007

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 1-mL	mg per 0.1 mL	350 mg (THC + THCA)	200 mg (THC + THCA)
Cannabidivarin (CBDV)	<0.01%	<0.01	<0.01	<0.01	<0.01
Cannabidiol Acid (CBD-A)	<0.01%	<0.01	<0.01	<0.01	<0.01
Cannabigerol Acid (CBG-A)	0.12%	1.18	0.12	0.50	0.28
Cannabigerol (CBG)	1.83%	17.9	1.79	7.60	4.34
Cannabidiol (CBD)	0.51%	5.00	0.50	2.12	1.21
Tetrahydrocannabivarin (THCV)	0.62%	6.08	0.61	2.57	1.47
Cannabinol (CBN)	2.66%	26.1	2.61	11.0	6.31
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	83.6%	819	81.9	347	198
Cannabichromene (CBC)	0.90%	8.82	0.88	3.74	2.13
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 THC-A)	0.72%	7.06	0.71	2.99	1.71
Total	91.0%	891 mg	89.1 mg	378 mg	215 mg
Total weight of sample	-----	-----	-----	0.415 g	0.237 g
Density = 0.98 g/mL					

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	0.30%
β -Pinene	0.28%
β -Myrcene	1.31%
Limonene	0.35%
β -Caryophyllene	1.06%
Humulene	0.41%
α -Bisabolol	0.14%



Results Approved by
Jose A. Zavaleta, Lab Director

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