

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

Results issued on: 5/17/2022 COA No.: 84051622-E

Client Lot Number	Sample ID	Tests Conducted	Reference Method
SPEN22-008	1776-5 1776-6	Quality Control Analysis	
	1776-6	Active Ingredient Analysis	ASL-SOP-300
	1776-6	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: **SPEN22-008**

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)	0.14%	1.37	0.14	0.57	0.33
Cannabigerol (CBG)	1.35%	13.2	1.32	5.54	3.17
Cannabidiol (CBD)	0.41%	4.02	0.40	1.68	0.96
Tetrahydrocannabivarin (THCV)	0.49%	4.80	0.48	2.01	1.15
Cannabinol (CBN)	2.86%	28.0	2.80	11.7	6.71
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	84.5%	828	82.8	347.04	198.31
Cannabichromene (CBC)	0.87%	8.53	0.85	3.57	2.04
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 THC-A)	0.72%	7.06	0.71	2.96	1.69
Total	91.3%	895 mg	89.5 mg	375.07 mg	214.36 mg
Total weight of sample	-----	-----	-----	0.411 g	0.235 g
Density = 0.98 g/mL					

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	0.18%
Guaiol	0.29%
β -Myrcene	0.36%
Limonene	1.09%
α -Bisabolol	0.49%
Linalool	0.25%
β -Caryophyllene	1.12%
Humulene	0.39%



Results Approved by
Jose A. Zavaleta, Lab Director

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