

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

Results issued on: 5/10/2022 COA No.: 84050922-I

Client Lot Number	Sample ID	Tests Conducted	Reference Method
HPEN22-006	1774-11 1774-12	Quality Control Analysis	
	1774-12	Active Ingredient Analysis	ASL-SOP-300
	1774-12	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: **HPEN22-006**

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)	0.32%	3.33	0.33	1.37	0.78
Cannabigerol (CBG)	1.12%	11.6	1.16	4.78	2.73
Cannabidiol (CBD)	0.51%	5.30	0.53	2.18	1.24
Tetrahydrocannabivarin (THCV)	0.55%	5.72	0.57	2.35	1.34
Cannabinol (CBN)	3.90%	40.6	4.06	16.7	9.52
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	81.8%	851	85.1	349.3	199.6
Cannabichromene (CBC)	1.49%	15.5	1.55	6.36	3.63
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 THC-A)	0.19%	1.98	0.20	0.81	0.46
Total	89.9%	935	93.5	383.9	219.3
Total weight of sample	-----	-----	-----	0.427 g	0.244 g
Density = 1.04 g/mL					

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Bisabolol	0.16%
Guaiol	0.19%
Limonene	0.74%
β -Caryophyllene	3.35%
Humulene	0.84%



Results Approved by
Jose A. Zavaleta, Lab Director

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