

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

Results issued on: 3/28/2022 COA No.: 84032822-A

Client Lot Number	Sample ID	Tests Conducted	Reference Method
HPEN22-004	1762-10 1762-11	Quality Control Analysis	
	1762-11	Active Ingredient Analysis	ASL-SOP-300
	1762-11	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: **HPEN22-004**

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)	<0.10%	<0.10	<0.10	<0.10	<0.10
Cannabidiol Acid (CBD-A)	<0.10%	<0.10	<0.10	<0.10	<0.10
Cannabigerol Acid (CBG-A)	<0.10%	<0.10	<0.10	<0.10	<0.10
Cannabigerol (CBG)	1.29%	13.5	1.35	5.48	3.13
Cannabidiol (CBD)	0.42%	4.41	0.44	1.79	1.02
Tetrahydrocannabivarin (THCV)	0.55%	5.78	0.57	2.34	1.34
Cannabinol (CBN)	2.08%	21.8	0.21	8.84	5.05
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	82.3%	864	86.4	350	200
Cannabichromene (CBC)	1.26%	13.2	1.32	5.36	3.06
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 THC-A)	<0.10%	<0.10	<0.10	<0.10	<0.10
Total	87.9%	923 mg	92.3 mg	374 mg	214 mg
Total weight of sample	-----	-----	-----	0.425 g	0.243 g
Density = 1.05 g/mL					

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	0.64%
β -Pinene	1.41%
β -Myrcene	0.35%
Limonene	0.36%
α -Bisabolol	0.20%
β -Caryophyllene	0.84%
Humulene	0.16%



Results Approved by
Jose A. Zavaleta, Lab Director

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Client Lot Number: **HPEN22-004**