

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

Results issued on: 6/7/2022 COA No.: 84060722-A

Client Lot Number	Sample ID	Tests Conducted	Reference Method
HPEN22-008	1782-2 1782-3	Quality Control Analysis	
	1782-3	Active Ingredient Analysis	ASL-SOP-300
	1782-3	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: **HPEN22-008**

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)	<0.01	<0.01	<0.01	<0.01	<0.01
Cannabigerol (CBG)	2.94	30.6	3.06	12.6	7.17
Cannabidiol (CBD)	0.28	2.91	0.29	1.20	0.68
Tetrahydrocannabivarin (THCV)	0.59	6.14	0.61	2.52	1.44
Cannabinol (CBN)	3.62	37.6	3.76	15.5	8.83
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	81.7	850	85.0	349	199
Cannabichromene (CBC)	0.76	7.90	0.79	3.25	1.85
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 THC-A)	0.27	2.81	0.28	1.15	0.66
Total	90.2	938 mg	93.8 mg	385 mg	220 mg
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)
β -Pinene	0.15
β -Myrcene	0.44
Limonene	0.87
Linalool	0.22
β -Caryophyllene	1.81
Humulene	1.11
α -Bisabolol	0.18



Results Approved by
Jose A. Zavaleta, Lab Director

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