

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

Results issued on: 3/21/2023 COA No.: 84052322A-F

Client Lot Number	Sample ID	Tests Conducted	Reference Method
HPEN22-007	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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Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (% w/w)	mg per 1.0 g unit	mg per 0.5 g unit	mg per 0.3 g unit
Cannabidiol Acid (CBD-A)	<0.01	<0.01	<0.01	<0.01
Cannabidiol (CBD)	0.47	4.70	2.35	1.41
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	82.7	827	414	248
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 THC-A)	0.18	1.80	0.90	0.54
Total	83.4	834	417	250
Total weight of sample	-----	1.0 g	0.5 g	0.3 g
Density = 1.02 g/mL				

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	0.47%
β -Pinene	0.67%
Limonene	0.48%
β -Caryophyllene	0.49%



Results Approved by
Jose A. Zavaleta, Lab Director

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