

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-H

Client Lot Number	Sample ID	Tests Conducted	Reference Method
IPEN22-007	1774-9 1774-10	Quality Control Analysis	
	1774-10	Active Ingredient Analysis	ASL-SOP-300
	1774-10	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: IPEN22-007

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)	0.13%	1.33	0.13	0.55	0.31
Cannabigerol (CBG)	1.98%	20.2	2.02	8.34	4.75
Cannabidiol (CBD)	0.36%	3.67	0.37	1.52	0.86
Tetrahydrocannabivarin (THCV)	0.77%	7.85	0.79	3.24	1.85
Cannabinol (CBN)	2.09%	21.3	2.13	8.80	5.02
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	83.2%	849	84.9	350	200
Cannabichromene (CBC)	1.36%	13.9	1.39	5.73	3.26
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 THC-A)	<0.01%	<0.01	<0.01	<0.01	<0.01
Total	89.9%	917	91.7	378 mg	216 mg
Total weight of sample	-----	-----	-----	0.421 g	0.240 g
Density = 1.02 g/mL					

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	1.10%
β -Pinene	0.21%
β -Myrcene	0.42%
Limonene	0.17%
Linalool	0.50%
β -Caryophyllene	1.44%
Humulene	0.97%



Results Approved by
Jose A. Zavaleta, Lab Director

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