

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

Results issued on: 4/18/2022 COA No.: 84041822-A

Client Lot Number	Sample ID	Tests Conducted	Reference Method
IPEN22-006	1768-1 1768-2	Quality Control Analysis	
	1768-2	Active Ingredient Analysis	ASL-SOP-300
	1768-2	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: IPEN22-006

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)	0.16%	1.60	0.16	0.68	0.39
Cannabigerol (CBG)	2.28%	22.8	2.28	9.69	5.54
Cannabidiol (CBD)	0.28%	2.80	0.28	1.19	0.68
Tetrahydrocannabivarin (THCV)	1.09%	10.9	1.09	4.63	2.65
Cannabinol (CBN)	2.38%	23.8	2.38	10.1	5.78
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	82.1%	821	82.1	349	199
Cannabichromene (CBC)	1.66%	16.6	1.66	7.06	4.03
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 THC-A)	0.28%	2.80	0.28	1.19	0.68
Total	90.2%	902 mg	90.2 mg	384 mg	219 mg
Total weight of sample	-----	-----	-----	0.425 g	0.243 g
Density = 1.00 g/mL					

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
β -Myrcene	0.68%
Limonene	0.26%
Ocimene	0.46%
Linalool	0.10%
β -Caryophyllene	0.37%
Humulene	0.14%
Guaiol	0.15%



Results Approved by
Jose A. Zavaleta, Lab Director

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