

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.: 84032422-A

Client Lot Number	Sample ID	Tests Conducted	Reference Method
IPEN22-005	1761-3 1761-4	Quality Control Analysis	
	1761-4	Active Ingredient Analysis	ASL-SOP-300
	1761-4	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: IPEN22-005

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)	0.11%	1.08	0.11	0.45	0.26
Cannabidiol Acid (CBD-A)	<0.10%	<0.10	<0.10	<0.10	<0.10
Cannabigerol Acid (CBG-A)	0.35%	3.43	0.34	1.44	0.83
Cannabigerol (CBG)	2.13%	20.9	2.09	8.80	5.03
Cannabidiol (CBD)	0.20%	1.96	0.20	0.83	0.47
Tetrahydrocannabivarin (THCV)	1.15%	11.3	0.11	4.75	2.71
Cannabinol (CBN)	2.60%	25.5	2.55	10.7	6.14
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	83.3%	816	81.6	344	197
Cannabichromene (CBC)	1.69%	16.6	1.66	6.98	3.99
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 THC-A)	1.45%	14.2	1.42	5.60	3.42
Total	93.0%	911 mg	91.1 mg	384 mg	220 mg
Total weight of sample	-----	-----	-----	0.413 g	0.236 g
Density = 0.98 g/mL					

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
β -Myrcene	0.87%
Limonene	0.52%
Ocimene	0.52%
Linalool	0.26%
β -Caryophyllene	0.38%
Humulene	0.10%



Results Approved by
Jose A. Zavaleta, Lab Director

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