

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

Results issued on: 5/23/2022 COA No.: 84052322-D

Client Lot Number	Sample ID	Tests Conducted	Reference Method
IPEN22-008	1777-7 1777-8	Quality Control Analysis	
	1777-8	Active Ingredient Analysis	ASL-SOP-300
	1777-8	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: IPEN22-008

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)	0.25%	2.53	0.25	1.02	0.59
Cannabigerol (CBG)	2.12%	21.4	2.14	8.69	4.97
Cannabidiol (CBD)	0.28%	2.83	0.28	1.15	0.66
Tetrahydrocannabivarin (THCV)	0.45%	4.55	0.46	1.84	1.05
Cannabinol (CBN)	2.05%	20.7	2.07	8.40	4.80
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	81.2%	820	82.0	333	190
Cannabichromene (CBC)	1.09%	11.0	1.10	4.47	2.55
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 THC-A)	4.19%	42.3	4.23	17.2	9.81
Total	91.6%	925 mg	92.5 mg	376	214
Total weight of sample	-----	-----	-----	0.410 g	0.234 g
Density = 1.01 g/mL					

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
β -Myrcene	0.43%
Limonene	0.35%
Linalool	0.34%
β -Caryophyllene	2.56%
Humulene	0.38%
α -Bisabolol	0.23%



Results Approved by
Jose A. Zavaleta, Lab Director

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