

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-E

Client Lot Number	Sample ID	Tests Conducted	Reference Method
ICRU22-004	1777-10 1777-11	Quality Control Analysis	
	1777-11	Active Ingredient Analysis	ASL-SOP-300
	1777-11	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: ICRU22-004

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 0.5 g	mg per 1.0 g
Cannabidivarin (CBDV)	<0.01%	<0.01	<0.01
Cannabidiol Acid (CBD-A)	0.16%	0.80	1.60
Cannabigerol Acid (CBG-A)	2.72%	13.6	27.2
Cannabigerol (CBG)	0.62%	3.10	6.20
Cannabidiol (CBD)	<0.01%	<0.01	<0.01
Tetrahydrocannabivarin (THCV)	0.10%	0.50	1.00
Cannabinol (CBN)	<0.01%	<0.01	<0.01
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	8.28%	41.4	82.8
Cannabichromene (CBC)	0.16%	0.80	1.60
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 THC-A)	82.0%	410	820
Total	94.0%	470 mg	940 mg

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Bisabolol	0.17%
Linalool	0.23%
β -Caryophyllene	0.72%
Humulene	0.23%



Results Approved by
Jose A. Zavaleta, Lab Director

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