

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

Results issued on: 3/17/2022 COA No.: 84031722-A

Client Lot Number	Sample ID	Tests Conducted	Reference Method
IBAT22-003	1759-31 1759-32	Quality Control Analysis	
	1759-32	Active Ingredient Analysis	ASL-SOP-300
	1759-32	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: IBAT22-003

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 0.5-g of product	mg per 1-g of product
Cannabidivarin (CBDV)	<0.10%	<0.10	<0.10
Cannabidiol Acid (CBD-A)	0.17%	0.85	1.70
Cannabigerol Acid (CBG-A)	2.49%	12.5	24.9
Cannabigerol (CBG)	0.60%	3.00	6.00
Cannabidiol (CBD)	<0.10%	<0.10	<0.10
Tetrahydrocannabivarin (THCV)	<0.10%	<0.10	<0.10
Cannabinol (CBN)	<0.10%	<0.10	<0.10
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	5.96%	29.8	59.6
Cannabichromene (CBC)	0.15%	0.75	1.50
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 THC-A)	86.3%	432	863
Total		479	957

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
β -Myrcene	0.17%
Limonene	0.26%
Linalool	0.33%
β -Caryophyllene	1.05%
Humulene	0.36%



Results Approved by
Jose A. Zavaleta, Lab Director

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