

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

Results issued on: 7/6/2022 COA No.: 84070622-A

Client Lot Number	Sample ID	Tests Conducted	Reference Method
IORS22-004	1789-1 1789-2	Quality Control Analysis	see table below
	1789-2	Active Ingredient Analysis	ASL-SOP-300
	1789-2	Terpene Analysis	ASL-SOP-301

Quality Control Analysis and 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 <2023>	< 10 ⁵ CFU/g	Passed
	Total Yeast and Mold Count	USP <2023>	< 10 ⁵ CFU/g	Passed
	<i>STE. coli</i>	MIC-qPCR <USP 2023>	Not Detected in 1 gram	Passed
	<i>E.coli</i>	MIC-qPCR <USP 2023>	Not Detected in 1 gram	Passed
	<i>Salmonella</i>	MIC-qPCR <USP 2023>	Not Detected in 1 gram	Passed
	<i>L. monocytogenes</i>	MIC-qPCR <USP 2023>	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: IORS22-004

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (% w/w)	mg per 1-mL serving	mg per 30-mL serving
Cannabidivarin (CBDV)	<0.01	<0.01	<0.01
Cannabidiol Acid (CBD-A)	<0.01	<0.01	<0.01
Cannabigerol Acid (CBG-A)	<0.01	<0.01	<0.01
Cannabigerol (CBG)	0.14	1.33	39.9
Cannabidiol (CBD)	<0.01	<0.01	<0.01
Tetrahydrocannabivarin (THCV)	<0.01	<0.01	<0.01
Cannabinol (CBN)	<0.01	<0.01	<0.01
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	3.21	30.5	915
Cannabichromene (CBC)	<0.01	<0.01	<0.01
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	<0.01	<0.01	<0.01
Total Cannabinoids	3.35	31.8	955
Density	0.95 g/mL		

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
Below detection limits	



Results Approved by
Jose A. Zavaleta, Lab Director

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Client Lot Number: **IORS22-004**