

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

Results issued on: 5/17/2022 COA No.: 84051622-D

Client Lot Number	Sample ID	Tests Conducted	Reference Method
HCRU22-005	1776-3 1776-4	Quality Control Analysis	
	1776-4	Active Ingredient Analysis	ASL-SOP-300
	1776-4	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
	<i>Gram Neg.</i>	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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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)	0.19%	0.95	1.90
Cannabigerol Acid (CBG-A)	1.51%	7.55	15.1
Cannabigerol (CBG)	0.27%	1.35	2.70
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)	7.63%	38.2	76.3
Cannabichromene (CBC)	0.22%	1.10	2.20
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 THC-A)	83.4%	417	834
Total	93.2%	466	932

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
Linalool	0.28%
β -Caryophyllene	0.75%
Humulene	0.29%



Results Approved by
Jose A. Zavaleta, Lab Director

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