

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

Results issued on: 12/19/2022 COA No.: 84121922-A

Client Lot Number	Sample ID	Tests Conducted	Reference Method
HCRU22-014	1832-2 1832-3	Quality Control Analysis	see table below
	1832-3	Active Ingredient Analysis	ASL-SOP-300
	1832-3	Terpene Analysis	ASL-SOP-301

Quality Control Analysis and Results

Test	Test Conducted	Reference Method	Specification	Results (Pass/Fail)
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
	<i>Aspergillus fumigatus</i>	MIC-qPCR <USP 2023>	Not Detected in 1 gram	Passed
	<i>Aspergillus flavus</i>	MIC-qPCR <USP 2023>	Not Detected in 1 gram	Passed
	<i>Aspergillus niger</i>	MIC-qPCR <USP 2023>	Not Detected in 1 gram	Passed
	<i>Aspergillus terreus</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: HCRU22-014

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)	4.23	21.2	42.3
Cannabigerol (CBG)	0.80	4.00	8.00
Cannabidiol (CBD)	<0.01	<0.01	<0.01
Tetrahydrocannabivarin (THCV)	0.17	0.85	1.70
Cannabinol (CBN)	0.15	0.75	1.50
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	10.8	54.0	108
Cannabichromene (CBC)	<0.01	<0.01	<0.01
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 THC-A)	77.9	390	779
Total	94.2	471	942

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (% w/w)
Linalool	0.23
β -Caryophyllene	0.40
Humulene	0.17
Guaiol	0.19



Results Approved by
Jose A. Zavaleta, Lab Director