

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

Results issued on: 1/11/2022 COA No.: 84011122-A

Client Lot Number	Sample ID	Tests Conducted	Reference Method
XWT-21-001	1741-1 1741-2	Quality Control Analysis	
	1741-2	Active Ingredient Analysis	ASL-SOP-300
	1741-2	Terpene Analysis	ASL-SOP-301

Quality Control Results

Test	Test Conducted	Reference Method	Specification	Results (Pass/Fail)
Microbiology	Total Aerobic Microbial Count	USP <2023>	< 10 ⁶ CFU/g	Passed
	Total Yeast and Mold Count	USP <2023>	< 10 ⁶ CFU/g	Passed
	<i>E. coli</i> (pathogenic)	PCR-TMP-104	Not Detected in 1 gram	Passed
	<i>Salmonella</i>	USP <2023>	Not Detected in 1 gram	Passed
	<i>Aspergillus fumigatus</i>	ASL-SOP-217	Not Detected in 1 gram	Passed
	<i>Aspergillus flavus</i>	ASL-SOP-217	Not Detected in 1 gram	Passed
	<i>Aspergillus niger</i>	ASL-SOP-217	Not Detected in 1 gram	Passed
	<i>Aspergillus terreus</i>	ASL-SOP-217	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	≤ 0.2 ug/g	Passed
	Cadmium - Cd	ASL-SOP-400	≤ 0.2 ug/g	Passed
	Mercury - Hg	ASL-SOP-400	≤ 0.1 ug/g	Passed
	Lead - Pb	ASL-SOP-400	≤ 0.5 ug/g	Passed

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Client Lot Number: XWT-21-001

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Dry-weight percent (w/w)
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	31.5%
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	0.32%
Cannabidiol Acid (CBD-A)	<0.10%
Cannabidiol (CBD)	<0.10%
Cannabigerol Acid (CBG-A)	0.83%
Cannabigerol (CBG)	<0.10%
Cannabinol (CBN)	<0.10%
Cannabichromene (CBC)	<0.10%
Tetrahydrocannabivarin (THCV)	<0.10%
Cannabidivarin (CBDV)	<0.10%

Dry-weight percent cannabinoid content = wet-weight percent cannabinoid / (1 – percent moisture / 100)

"wet-weight" means the weight of the sample as it was collected from facility.

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
β -Myrcene	0.43%
β -Caryophyllene	0.18%



Results Approved by
Jose A. Zavaleta, Lab Director



CoA Reviewed by
Maureen Vedovelli, Quality Manager

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