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1 Hartford Square, New Britain, CT 06052
Tel: (860) 224-6668

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

Results issued on: 9/13/2021 COA No.: 1R-84090321-B

Client Lot Number	Sample ID	Tests Conducted
ASD-21-001	1710-3 1710-4	Quality Control Analysis
	1714-3	Active Ingredient Analysis
	1710-4	Terpene Analysis

Quality Control Results

Test	Test Conducted	Specification	Results (Pass/Fail)
Microbiology	Total Aerobic Microbial Count	< 10^6 CFU/g	Passed
	Total Yeast and Mold Count	< 10^6 CFU/g	Passed
	E. coli (pathogenic)	Not Detected in 1 gram	Passed
	Salmonella	Not Detected in 1 gram	Passed
	A. fumigatus	Not Detected in 1 gram	Passed
	A. flavus	Not Detected in 1 gram	Passed
	A. niger	Not Detected in 1 gram	Passed
	A. terreus	Not Detected in 1 gram	Passed
Mycotoxins	Aflatoxin B1	< 20 ug/Kg	Passed
	Aflatoxin B2	< 20 ug/Kg	Passed
	Aflatoxin G1	< 20 ug/Kg	Passed
	Aflatoxin G2	< 20 ug/Kg	Passed
	Ochratoxin A	< 20 ug/Kg	Passed
Heavy Metals	Arsenic - As	< 4.206 ug/g	Passed
	Cadmium - Cd	< 2.704 ug/g	Passed
	Mercury - Hg	< 8.712 ug/g	Passed
	Lead - Pb	< 8.712 ug/g	Passed

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Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Dry-weight percent (w/w)
Δ^9-Tetrahydrocannabinol Acid (Δ^9-THC-A)	22.5%
Δ^9-Tetrahydrocannabinol (Δ^9-THC)	0.25%
Cannabidiol Acid (CBD-A)	<0.10%
Cannabidiol (CBD)	<0.10%
Cannabigerol Acid (CBG-A)	0.34%
Cannabigerol (CBG)	<0.10%
Cannabinol (CBN)	<0.10%
Cannabichromene (CBC)	<0.10%
Tetrahhydrocannabivarin (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)
α-Pinene	<0.10%
β-Pinene	<0.10%
β-Myrcene	<0.10%
Limonene	0.23%
Ocimene	<0.10%
Linalool	<0.10%
β-Caryophyllene	0.32%
Humulene	<0.10%

Results Approved by
Jose A. Zavaleta, Lab Director

Ewelina Pliszka

CoA Reviewed by
Ewelina Pliszka, Lab Supervisor

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Client Lot Number: ASD-21-001