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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: 2/23/2023 COA No.: 84022323-F

Client Lot Number	Sample ID	Tests Conducted	Reference Method
ASD-22-001	1854-10 1854-11	Quality Control Analysis	see table below
	1854-11	Active Ingredient Analysis	ASL-SOP-300
	1854-11	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
	STE.coli	MIC-qPCR <USP 2023>	Not Detected in 1 gram	Passed
	E. coli	MIC-qPCR <USP 2023>	Not Detected in 1 gram	Passed
	Salmonella	MIC-qPCR <USP 2023>	Not Detected in 1 gram	Passed
	L. monocytogenes	MIC-qPCR <USP 2023>	Not Detected in 1 gram	Passed
	Aspergillus fumigatus	MIC-qPCR <USP 2023>	Not Detected in 1 gram	Passed
	Aspergillus flavus	MIC-qPCR <USP 2023>	Not Detected in 1 gram	Passed
	Aspergillus niger	MIC-qPCR <USP 2023>	Not Detected in 1 gram	Passed
	Aspergillus terreus	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: ASD-22-001

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Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Dry-weight percent (% w/w)
Cannabidiol Acid (CBD-A)	**<0.10**
Cannabidiol (CBD)	**<0.10**
Δ9-Tetrahydrocannabinol (Δ9-THC)	**0.40**
Δ9-Tetrahydrocannabinol Acid (Δ9THC-A)	**22.8**

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)
Limonene	**0.19**
Guaiol	**0.11**
β-Caryophyllene	**0.42**
Humulene	**0.12**

Results Approved by
Jose A. Zavaleta, Lab Director

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Client Lot Number: ASD-22-001