

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

Results issued on: 12/15/2020 COA No.: 84121520-C

Client Lot Number	Sample ID	Tests Conducted
HPEN20-018	1637-13	Quality Control Analysis
	1637-14	
	1637-14	Active Ingredient Analysis
	1637-14	Terpene Analysis

Quality Control Results

<u>Test</u>	<u>Test Conducted</u>	<u>Specification</u>	<u>Results (Pass/Fail)</u>
Microbiology	Total Aerobic Microbial Count	< 200 CFU/g	Passed
	Total Yeast and Mold Count	< 20 CFU/g	Passed
	Gram-negative Bacteria	Not Present	Passed
	<i>Staphylococcus aureus</i>	Not Present	Passed
	<i>Pseudomonas aeruginosa</i>	Not Present	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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Client Lot Number: HPEN20-018

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 1-mL	mg per 0.300-g of product	mg per 0.525-g of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	0.74%	7.10	2.22	3.88
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	65.9%	633	198	346
Cannabidiol Acid (CBD-A)	<0.10%	<0.10	<0.10	<0.10
Cannabidiol (CBD)	0.25%	2.40	0.75	1.31
Cannabigerol Acid (CBG-A)	0.24%	2.30	0.72	1.26
Cannabigerol (CBG)	2.36%	22.6	7.08	12.4
Cannabinol (CBN)	1.16%	11.1	3.48	6.09
Cannabichromene (CBC)	1.12%	10.7	3.36	5.88
Tetrahydrocannabivarin (THCV)	0.72%	6.91	2.16	3.78
Cannabidivarin (CBDV)	<0.10%	<0.10	<0.10	<0.10
Total		696.1	217.8	380.6

Total Cannabinoids per 0.1 mL = 69.6 mg

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	0.21%
Limonene	0.33%
Ocimene	<0.10%
Linalool	0.32%
β -Caryophyllene	1.34%
Humulene	0.45%



Results Approved by Jose A. Zavaleta, Lab Director

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