

**Report To:**

Theraplant LLC

Attn: Dan Emmans

856 Echo Lake Road

Watertown, CT 06795

Laboratory Report#: **T042021-03**Report Date: **04/26/2021**E-Mail: dan@theraplant.com

Sample Site:	THERAPLANT • 856 ECHO LAKE RD, WATERTOWN CT
Product Description:	HPEN21-004

Microbiological Parameters	Result	Units	Pass/Fail	Recommended Limits
Total Aerobic Microbial Count	<100	per gram	PASS	100,000
Total Yeast & Mold Count	<100	per gram	PASS	10,000
Bile Tolerant Gram Negative Bacteria	<100	per gram	PASS	1,000
Coliform	<100	per gram	PASS	1,000
Enteropathogenic E.coli	Not Detected	per gram	PASS	Not Detected
Salmonella species	Not Detected	per gram	PASS	Not Detected

Heavy Metals:	Result	Units		Limits
Arsenic, Total	<0.0005	µg/kg BW/day	PASS	<0.14
Cadmium, Total	<0.007	µg/kg BW/day	PASS	<0.09
Lead, Total	<0.25	µg/kg BW/day	PASS	<0.29
Mercury, Total	<0.005	µg/kg BW/day	PASS	<0.29

Mycotoxins:	Result	Units		Limits
Aflatoxin B1	<5	µg/kg	PASS	5
Aflatoxin B2	<5	µg/kg	PASS	5
Aflatoxin G1	<5	µg/kg	PASS	5
Aflatoxin G2	<5	µg/kg	PASS	5
Ochratoxin-A	<5	µg/kg	PASS	5

Pesticides:	
Bifenazate	PASS
Bifenthrin	PASS
Cyfluthrin	PASS
Etoxazole	PASS
Imazalil	PASS
Imidacloprid	PASS
Myclobutanil	PASS
Pyrethrum	PASS
Spiromesifen	PASS
Trifloxystrobin	PASS



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<u>TERPENES by GC/MS</u> <u>(% Dry Weight)</u>	<u>Result</u>	<u>Units</u>
b-pinene	0.90	%
b-myrcene	1.11	%
3-carene	0.27	%
limonene	1.75	%
y-terpinene	0.35	%
b-caryophyllene	0.06	%
a-humulene	0.42	%
guaial	0.08	%
a-bisabolol	0.35	%

<u>CANNABINOIDS by HPLC</u> <u>(% Dry weight)</u>	<u>Result</u>	<u>Units</u>
CBDV	<0.01	% weight
CBDA	<0.01	% weight
CBGA	<0.01	% weight
CBG	1.95	% weight
CBD	<0.01	% weight
THCV	<0.01	% weight
CBN	1.55	% weight
THC	77.30	% weight
CBC	1.10	% weight
THCA	<0.01	% weight
TOTAL CANNABINOIDS =	81.90	% weight

Density	1.01	g/cm ³
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Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 04/20/2021 (2183851-03).

Reviewed & Released by: *Michelle Szylobryt*
Michelle Szylobryt, QA / QC

Approved By: *Alan C. Johnson*
Alan C. Johnson, Laboratory Director

Date: 04/26/2021



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<u>CANNABINOIDS</u>	<u>% by Weight</u>	<u>1 mL serving</u>	<u>.1 mL serving</u>	<u>350mg</u> <u>(THC + THCA)</u>	<u>200 mg</u> <u>(THC + THCA)</u>
CBDV	<0.01	<0.01	<0.01	<0.01	<0.01
CBDA	<0.01	<0.01	<0.01	<0.01	<0.01
CBGA	<0.01	<0.01	<0.01	<0.01	<0.01
CBG	1.95	19.70	1.97	8.83	5.05
CBD	<0.01	<0.01	<0.01	<0.01	<0.01
THCV	<0.01	<0.01	<0.01	<0.01	<0.01
CBN	1.55	15.66	1.57	7.02	4.01
THC	77.30	780.73	78.07	350.00	200.00
CBC	1.10	11.11	1.11	4.98	2.85
THCA	<0.01	<0.01	<0.01	<0.01	<0.01
Total Cannabinoids (mg)	----	827.19	82.72	370.83	211.90
Total Cannabinoids (%)	81.90	----	----	----	----
Total Weight of Sample (g)	----	----	----	0.453	0.259

Comments:

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