

**Report To:**

Theraplant LLC

Attn: Dan Emmans

856 Echo Lake Road

Watertown, CT 06795

Laboratory Report#: **T021821-01**Report Date: **03/01/2021**E-Mail: dan@theraplant.com

Sample Site:	THERAPLANT • 856 ECHO LAKE RD, WATERTOWN CT
Product Description:	HPEN21-002

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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TERPENES by GC/MS (% Dry Weight)	Result	Units
b-myrcene	0.26	%
limonene	2.63	%
linalool	2.21	%
b-caryophyllene	1.07	%
a-humulene	0.48	%
guaiol	0.77	%

CANNABINOIDS by HPLC (% Dry weight)	Result	Units
CBDV	<0.10	% weight
CBDA	<0.10	% weight
CBGA	0.36	% weight
CBG	3.52	% weight
CBD	<0.10	% weight
THCV	<0.10	% weight
CBN	1.11	% weight
THC	84.92	% weight
CBC	<0.10	% weight
THCA	0.86	% weight
TOTAL CANNABINOIDS =	90.77	% weight

Density	1.01	g/cm ³
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Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 02/18/2021 (2183322-01).

Reviewed & Released by:

Michelle Szylobryt, QA / QC

Date: 3/1/2021

Approved By:

Alan C. Johnson, Laboratory Director

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<u>CANNABINOIDS</u>	<u>% by Weight</u>	<u>1 mL serving</u>	<u>0.1 mL serving</u>	<u>350mg (THC + THCA)</u>	<u>200mg (THC +THCA)</u>
CBDV	<0.10	<0.10	<0.10	<0.10	<0.10
CBDA	<0.10	<0.10	<0.10	<0.10	<0.10
CBGA	0.36	3.64	0.36	1.47	0.84
CBG	3.52	35.55	3.56	14.36	8.21
CBD	<0.10	<0.10	<0.10	<0.10	<0.10
THCV	<0.10	<0.10	<0.10	<0.10	<0.10
CBN	1.11	11.21	1.12	4.53	2.59
THC	84.92	857.69	85.77	346.49	197.99
CBC	<0.10	<0.10	<0.10	<0.10	<0.10
THCA	0.86	8.69	0.87	3.51	2.01
Total Cannabinoids (mg)	----	916.78	91.68	370.36	211.68
Total Weight of Sample (g)	----	----	----	0.408	0.233
Total Cannabinoids (%)	90.77	----	----	----	----

Comments:

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