

**Report To:**

Theraplant LLC

Attn: Dan Emmans

856 Echo Lake Road

Watertown, CT 06795

Laboratory Report#: **T012921-04**Report Date: **02/05/2021**E-Mail: dan@theraplant.com

Sample Site:	THERAPLANT • 856 ECHO LAKE RD, WATERTOWN CT
Product Description:	HPEN 21 – 001

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-pinene	0.21	%
b-myrcene	0.30	%
linalool	1.45	%
b-caryophyllene	5.79	%
trans-nerolidol	0.32	%

CANNABINOIDS by HPLC
(% Dry weight)

	Result	Units
CBDV	<0.10	% weight
CBDA	<0.10	% weight
CBGA	0.27	% weight
CBG	1.13	% weight
CBD	0.16	% weight
THCV	<0.10	% weight
CBN	1.33	% weight
THC	85.22	% weight
CBC	0.41	% weight
THCA	0.76	% weight
TOTAL CANNABINOIDS =	89.28	% weight

Density 1.00 g/cm³**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/29/2021 (2183187-04).

Reviewed & Released by:

Michelle Szylobryt, QA / QC

Approved By:

Alan C. Johnson, Laboratory Director

Date: 02/05/2021



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Product Description:	HPEN 21 – 001

<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	0.27	2.68	0.27	1.09	0.62
CBG	1.13	11.28	1.13	4.59	2.62
CBD	0.16	1.62	0.16	0.66	0.38
THCV	<0.10	<0.10	<0.10	<0.10	<0.10
CBN	1.33	13.26	1.33	5.40	3.08
THC	85.22	852.19	85.22	346.89	198.22
CBC	0.41	4.09	0.41	1.66	0.95
THCA	0.76	7.65	0.76	3.11	1.78
Total Cannabinoids (mg)	----	892.76	89.28	363.40	207.66
Total Weight of Sample (g)	----	----	----	0.407	0.233
Total Cannabinoids (%)	89.28	----	----	----	----

Comments:

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