

**Report To:**

Theraplant LLC

Attn: Dan Emmans

856 Echo Lake Road

Watertown, CT 06795

Laboratory Report#: **T042721-02**Report Date: **05/04/2021**E-Mail: dan@theraplant.com

Sample Site:	THERAPLANT • 856 ECHO LAKE RD, WATERTOWN CT
Product Description:	HPEN21-005

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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Product Description:	HPEN21-005

<u>TERPENES by GC/MS</u> <u>(% Dry Weight)</u>	<u>Result</u>	<u>Units</u>
b-pinene	0.18	%
b-myrcene	0.41	%
limonene	0.96	%
linalool	2.63	%
b-caryophyllene	3.43	%
a-humulene	0.81	%
trans-nerolidol	0.08	%
guaiaol	0.06	%
a-bisabolol	0.08	%

<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	2.57	% weight
CBD	0.46	% weight
THCV	0.30	% weight
CBN	<0.01	% weight
THC	76.97	% weight
CBC	1.19	% weight
THCA	0.32	% weight
TOTAL CANNABINOIDS =	81.81	% weight

Density	1.01	g/cm ³
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Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 04/27/2021 (2183916-02).

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

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

Date: 5/4/2021

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Product Description:	HPEN21-005

CANNABINOIDS	% by Weight	1 mL serving	.1 mL serving	350mg (THC + THCA)	200 mg (THC + THCA)
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	2.57	25.96	2.60	11.64	6.65
CBD	0.46	4.65	0.46	2.08	1.19
THCV	0.30	3.03	0.30	1.36	0.78
CBN	<0.01	<0.01	<0.01	<0.01	<0.01
THC	76.97	777.40	77.74	348.55	199.17
CBC	1.19	12.02	1.20	5.39	3.08
THCA	0.32	3.23	0.32	1.45	0.83
Total Cannabinoids (mg)	----	826.28	82.63	370.47	211.70
Total Cannabinoids (%)	81.81	----	----	----	----
Total Weight of Sample (g)	----	----	----	0.453	0.259

Comments:

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