

**Report To:**

Theraplant LLC

Attn: Dan Emmans

856 Echo Lake Road

Watertown, CT 06795

Laboratory Report#: **T041321-01**Report Date: **04/23/2021**E-Mail: dan@theraplant.com

Sample Site:	THERAPLANT • 856 ECHO LAKE RD, WATERTOWN CT
Product Description:	IPEN21-008

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-myrcene	0.10	%
limonene	0.97	%
linalool	0.21	%
b-caryophyllene	3.38	%
a-humulene	1.11	%
guaiol	0.18	%

<u>CANNABINOIDS by HPLC</u> <u>(% Dry weight)</u>	<u>Result</u>	<u>Units</u>
CBDV	<0.01	% weight
CBDA	<0.01	% weight
CBGA	0.15	% weight
CBG	<0.01	% weight
CBD	2.14	% weight
THCV	<0.01	% weight
CBN	<0.01	% weight
THC	81.60	% weight
CBC	1.83	% weight
THCA	<0.01	% weight
TOTAL CANNABINOIDS =	85.72	% weight

Density

1.00

g/cm³**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 04/13/2021 (2183789-01).

Reviewed & Released by:

Michelle Szylobryt, QA / QC

Approved By:

Alan C. Johnson, Laboratory Director

Date: 4/23/2021

Northeast Laboratories, Inc. 129 Mill Street Berlin, CT 06037 www.nelabsct.com

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CT Cert. #PH-0404 EPA Cert. #CT-024 USDA Cert. #0976 FDA Reg. #086650488 DEA Reg.: Federal #RN0281852 + CT #624



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<u>CANNABINOIDS</u>	<u>% by Weight</u>	<u>1 mL serving</u>	<u>.1 mL</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	0.15	1.50	0.15	0.64	0.37
CBG	<0.01	<0.01	<0.01	<0.01	<0.01
CBD	2.14	21.40	2.14	9.18	5.25
THCV	<0.01	<0.01	<0.01	<0.01	<0.01
CBN	<0.01	<0.01	<0.01	<0.01	<0.01
THC	81.60	816.00	81.60	350.00	200.00
CBC	1.83	18.30	1.83	7.85	4.49
THCA	<0.01	<0.01	<0.01	<0.01	<0.01
Total Cannabinoids (mg)	----	857.20	85.72	367.67	210.10
Total Cannabinoids (%)	85.72	----	----	----	----
Total Weight of Sample (g)	----	----	----	0.429	0.245

Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 04/13/2021 (2183789-01).