



Report To:
Theraplant LLC
856 Echo Lake Road
Watertown, CT 06795

Laboratory Report#: T070821-02
Report Date: 07/16/2021

Sample Site:	THERAPLANT • 856 ECHO LAKE RD, WATERTOWN CT
Product Description:	<u>IPEN21-015</u>

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>
a-pinene	0.02	%
b-pinene	0.16	%
b-myrcene	0.76	%
limonene	1.67	%
linalool	2.92	%
b-caryophyllene	3.89	%
a-humulene	0.74	%
trans-nerolidol	0.05	%
guaiaol	0.09	%
a-bisabolol	0.30	%

<u>CANNABINOIDS by HPLC</u> <u>(% Dry weight)</u>	<u>Result</u>	<u>Units</u>
CBDV	<0.01	% weight
CBDA	<0.01	% weight
CBGA	1.90	% weight
CBG	<0.01	% weight
CBD	<0.01	% weight
THCV	1.15	% weight
CBN	1.19	% weight
THC	73.09	% weight
CBC	0.74	% weight
THCA	<0.01	% weight
TOTAL CANNABINOIDS =	78.07	% weight

Density 1.01 g/cm³

Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 07/08/2021 (2184628-02).

Reviewed & Released by: 
Michelle Szylobryt, QA / QC

Approved By: 
Alan C. Johnson, Laboratory Director

Date: 7/16/2021



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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	1.90	19.19	1.92	9.10	5.20
CBG	<0.01	<0.01	<0.01	<0.01	<0.01
CBD	<0.01	<0.01	<0.01	<0.01	<0.01
THCV	1.15	11.62	1.16	5.51	3.15
CBN	1.19	12.02	1.20	5.70	3.26
THC	73.09	738.21	73.82	350.00	200.00
CBC	0.74	7.47	0.75	3.54	2.02
THCA	<0.01	<0.01	<0.01	<0.01	<0.01
Total Cannabinoids (mg)	----	788.51	78.85	373.85	213.63
Total Cannabinoids (%)	78.07	----	----	----	----
Total Weight of Sample (g)	----	----	----	0.479	0.274

<u>MOST PREVALENT TERPENES</u>	<u>Result</u>	<u>Units</u>
b-pinene	0.16	%
b-myrcene	0.76	%
limonene	1.67	%
linalool	2.92	%
b-caryophyllene	3.89	%
a-humulene	0.74	%
trans-nerolidol	0.05	%
guaiaol	0.09	%
a-bisabolol	0.30	%

Comments:

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