



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

Laboratory Report#: T071521-01
Report Date: 07/22/2021

Sample Site:	THERAPLANT • 856 ECHO LAKE RD, WATERTOWN CT
Product Description:	SPEN21-016

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	0.16	%
camphene	0.47	%
b-pinene	0.12	%
b-myrcene	0.16	%
limonene	1.27	%
b-ocimene	0.50	%
linalool	0.51	%
b-caryophyllene	2.90	%
a-humulene	0.55	%
trans-nerolidol	0.47	%
a-bisabolol	0.48	%

<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	2.32	% weight
CBD	<0.01	% weight
THCV	0.36	% weight
CBN	1.59	% weight
THC	76.97	% weight
CBC	0.64	% weight
THCA	<0.01	% weight
TOTAL CANNABINOIDS =	81.88	% weight

Density 1.00 g/cm³

Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 07/15/2021 (2184704-01).

Reviewed & Released by: 
Michelle Szylobryt, QA / QC

Approved By: 
Alan C. Johnson, Laboratory Director

Date: 7/22/2021



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<u>CANNABINOIDS</u>	<u>% by Weight</u>	<u>1 mL serving</u>	<u>.1 mL serving</u>	<u>350mg (THC + THCA)</u>	<u>200 mg (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	<0.01	<0.01	<0.01	<0.01	<0.01
CBG	2.32	23.20	2.32	10.55	6.03
CBD	<0.01	<0.01	<0.01	<0.01	<0.01
THCV	0.36	3.60	0.36	1.64	0.94
CBN	1.59	15.90	1.59	7.23	4.13
THC	76.97	769.70	76.97	350.00	200.00
CBC	0.64	6.40	0.64	2.91	1.66
THCA	<0.01	<0.01	<0.01	<0.01	<0.01
Total Cannabinoids (mg)	----	818.80	81.88	372.33	212.76
Total Cannabinoids (%)	81.88	----	----	----	----
Total Weight of Sample (g)	----	----	----	0.455	0.260

<u>MOST PREVALENT TERPENES</u>	<u>Result</u>	<u>Units</u>
a-pinene	0.16	%
camphene	0.47	%
limonene	1.27	%
b-ocimene	0.50	%
linalool	0.51	%
b-caryophyllene	2.90	%
a-humulene	0.55	%
trans-nerolidol	0.47	%
a-bisabolol	0.48	%

Comments:

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