

**Report To:**

Theraplant LLC

Attn: Dan Emmans

856 Echo Lake Road

Watertown, CT 06795

Laboratory Report#: **T040821-01**Report Date: **04/15/2021**E-Mail: dan@theraplant.com

Sample Site:	THERAPLANT • 856 ECHO LAKE RD, WATERTOWN CT
Product Description:	IPEN21-007

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	0.53	%
b-myrcene	0.10	%
limonene	2.43	%
linalool	3.37	%
b-caryophyllene	1.61	%
a-humulene	0.45	%
guaiol	0.19	%

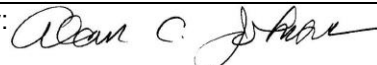
<u>CANNABINOIDS by HPLC</u> <u>(% Dry weight)</u>	<u>Result</u>	<u>Units</u>
CBDV	<0.01	% weight
CBDA	0.11	% weight
CBGA	4.02	% weight
CBG	<0.01	% weight
CBD	0.26	% weight
THCV	0.44	% weight
CBN	<0.01	% weight
THC	76.88	% weight
CBC	1.45	% weight
THCA	<0.01	% weight
TOTAL CANNABINOIDS =	83.16	% weight

Density	1.01	g/cm ³
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Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 04/08/2021 (2183756-01).

Reviewed & Released by: 
Michelle Szylobryt, QA / QC

Approved By: 
Alan C. Johnson, Laboratory Director

Date: 4/15/2021



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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	0.11	1.13	0.11	0.51	0.29
CBGA	4.02	40.61	4.06	18.30	10.46
CBG	<0.01	<0.01	<0.01	<0.01	<0.01
CBD	0.26	2.63	0.26	1.19	0.68
THCV	0.44	4.46	0.45	2.01	1.15
CBN	<0.01	<0.01	<0.01	<0.01	<0.01
THC	76.88	776.45	77.64	350.00	200.00
CBC	1.45	14.68	1.47	6.62	3.78
THCA	<0.01	<0.01	<0.01	<0.01	<0.01
Total Cannabinoids (mg)	----	839.96	84.00	378.63	216.36
Total Cannabinoids (%)	83.16	----	----	----	----
Total Weight of Sample (g)	----	----	----	0.455	0.260

Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 04/08/2021 (2183756-01).