

**Report To:**

Theraplant LLC

Attn: Dan Emmans

856 Echo Lake Road

Watertown, CT 06795

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

Sample Site:	THERAPLANT • 856 ECHO LAKE RD, WATERTOWN CT
Product Description:	ICRU21-004

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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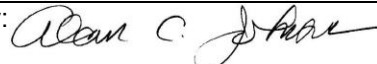
<u>TERPENES by GC/MS</u> <u>(% Dry Weight)</u>	<u>Result</u>	<u>Units</u>
linalool	1.69	%
b-caryophyllene	0.56	%
a-humulene	0.12	%
a-bisabolol	0.14	%

<u>CANNABINOIDS by HPLC</u> <u>(% Dry weight)</u>	<u>Result</u>	<u>Units</u>
CBDV	<0.01	% weight
CBDA	<0.01	% weight
CBGA	0.13	% weight
CBG	1.22	% weight
CBD	0.07	% weight
THCV	<0.01	% weight
CBN	<0.01	% weight
THC	6.38	% weight
CBC	0.32	% weight
THCA	85.64	% weight
TOTAL CANNABINOIDS =	93.76	% weight

Comments:

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

Reviewed & Released by: 
Michelle Szylobryt, QA / QC

Approved By: 
Alan C. Johnson, Laboratory Director

Date: 4/23/2021



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<u>CANNABINOIDS</u>	<u>% by Weight</u>	<u>mg/0.5g</u>	<u>mg/1.0g</u>
CBDV	<0.01	<0.01	<0.01
CBDA	<0.01	<0.01	<0.01
CBGA	0.13	0.65	1.30
CBG	1.22	6.10	12.20
CBD	0.07	0.35	0.70
THCV	<0.01	<0.01	<0.01
CBN	<0.01	<0.01	<0.01
THC	6.38	31.90	63.80
CBC	0.32	1.60	3.20
THCA	85.64	428.20	856.40
Total Cannabinoids (mg)	----	468.80	937.60
Total Cannabinoids (%)	93.76	----	----

Comments:

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