

**Report To:**

Theraplant LLC

Attn: Dan Emmans

856 Echo Lake Road

Watertown, CT 06795

Laboratory Report#: **T042021-04**Report Date: **04/26/2021**E-Mail: dan@theraplant.com

Sample Site:	THERAPLANT • 856 ECHO LAKE RD, WATERTOWN CT
Product Description:	CTDC21-001

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>
	BELOW DETECTION	%

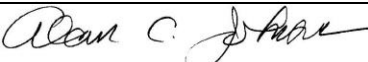
<u>CANNABINOIDS by HPLC</u> <u>(% Dry weight)</u>	<u>Result</u>	<u>Units</u>
CBDV	<0.10	% weight
CBDA	0.03	% weight
CBGA	<0.10	% weight
CBG	0.03	% weight
CBD	1.13	% weight
THCV	<0.10	% weight
CBN	0.02	% weight
THC	0.41	% weight
CBC	0.05	% weight
THCA	<0.10	% weight
TOTAL CANNABINOIDS =	1.67	% weight

Density	0.83	g/cm ³
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Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 04/20/2021 (2138851-04).

Reviewed & Released by: 
Michelle Szylobryt, QA / QC

Approved By: 
Alan C. Johnson, Laboratory Director

Date: 04/26/2021

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	<u>CANNABINOIDS</u>	<u>% by Weight</u>	<u>1 mL serving</u>	<u>50 mL serving</u>
	CBDV	<0.10	<0.01	<0.01
	CBDA	0.03	0.25	12.45
	CBGA	<0.10	<0.01	<0.01
	CBG	0.03	0.25	12.45
	CBD	1.13	9.38	468.95
	THCV	<0.10	<0.01	<0.01
	CBN	0.02	0.17	8.30
	THC	0.41	3.40	170.15
	CBC	0.05	0.42	20.75
	THCA	<0.10	<0.01	<0.01
	Total Cannabinoids (mg)	----	13.86	693.05
	Total Cannabinoids (%)	1.67	----	----

Comments:

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