

**Report To:**

Theraplant LLC

Attn: Dan Emmans

856 Echo Lake Road

Watertown, CT 06795

Laboratory Report#: **T012021-03**Report Date: **01/29/2021**E-Mail: dan@theraplant.com

Sample Site:	THERAPLANT • 856 ECHO LAKE RD, WATERTOWN CT
Product Description:	HCRU 21 – 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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TERPENES by GC/MS (% Dry Weight)	Result	Units
geraniol	0.55	%
guaiol	0.50	%
a-bisabolol	0.61	%

CANNABINOIDS by HPLC (% Dry weight)	Result	Units
CBDV	<0.10	% weight
CBDA	<0.10	% weight
CBGA	4.99	% weight
CBG	0.25	% weight
CBD	<0.10	% weight
THCV	<0.10	% weight
CBN	<0.10	% weight
THC	6.99	% weight
CBC	<0.10	% weight
THCA	83.50	% weight
TOTAL CANNABINOIDS =	95.72	% weight

Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/20/2021 (2183122-03).

Reviewed & Released by:

Michelle Szylobryt, QA / QC

Approved By:

Alan C. Johnson, Laboratory Director

Date: 01/29/2021



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<u>CANNABINOIDS</u>	<u>% by Weight</u>	<u>Mg per 0.5 g</u>	<u>Mg per 1 g</u>
CBDV	<0.10	<0.10	<0.10
CBDA	<0.10	<0.10	<0.10
CBGA	4.99	24.95	49.89
CBG	0.25	1.23	2.46
CBD	<0.10	<0.10	<0.10
THCV	<0.10	<0.10	<0.10
CBN	<0.10	<0.10	<0.10
THC	6.99	34.94	69.88
CBC	<0.10	<0.10	<0.10
THCA	83.50	417.48	834.96
Total Cannabinoids (mg)	95.72	478.60	957.17

Comments:

- Results are based on a sample submitted to Northeast Laboratories, Inc. on: 01/20/2021 (2183122-03).