

**Report To:**

Theraplant LLC

Attn: Dan Emmans

856 Echo Lake Road

Watertown, CT 06795

Laboratory Report#: **T040621-05**Report Date: **04/12/2021**Updated Report: **04/13/2021**E-Mail: dan@theraplant.com

Sample Site:	THERAPLANT • 856 ECHO LAKE RD, WATERTOWN CT
Product Description:	SCRU21-005

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
linalool	0.82	%
b-caryophyllene	0.73	%
a-humulene	0.27	%

CANNABINOIDS by HPLC (% Dry weight)	Result	Units
CBDV	<0.01	% weight
CBDA	<0.01	% weight
CBGA	2.21	% weight
CBG	0.30	% weight
CBD	<0.01	% weight
THCV	<0.01	% weight
CBN	<0.01	% weight
THC	3.30	% weight
CBC	<0.01	% weight
THCA	86.86	% weight
TOTAL CANNABINOIDS =	92.67	% weight

Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 04/06/2021 (2183721-05).

Reviewed & Released by: *Michelle Szylobryt*
Michelle Szylobryt, QA / QC

Approved By: *Alan C. Johnson*
Alan C. Johnson, Laboratory Director

Date: 4/13/2021

Northeast Laboratories, Inc. 129 Mill Street Berlin, CT 06037 www.nelabsct.com

Telephone: 860-828-9787 Toll Free (In State) 800-826-0105 (Out of State) 800-654-1230 Fax: 860-829-1050
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<u>CANNABINOIDS</u>	<u>% by Weight</u>	<u>Mg/.5g</u>	<u>Mg/1.0g</u>
CBDV	<0.01	<0.01	<0.01
CBDA	<0.01	<0.01	<0.01
CBGA	2.21	11.05	22.10
CBG	0.30	1.50	3.00
CBD	<0.01	<0.01	<0.01
THCV	<0.01	<0.01	<0.01
CBN	<0.01	<0.01	<0.01
THC	3.30	16.50	33.00
CBC	<0.01	<0.01	<0.01
THCA	86.86	434.30	868.60
Total Cannabinoids (mg)	----	463.35	926.70
Total Cannabinoids (%)	92.67	----	----

Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 04/06/2021 (2183721-05).