

**Report To:**

Theraplant LLC

Attn: Dan Emmans

856 Echo Lake Road

Watertown, CT 06795

Laboratory Report#: T032321-06

Report Date: 03/30/2021

E-Mail: dan@theraplant.com

Sample Site:	THERAPLANT • 856 ECHO LAKE RD, WATERTOWN CT
Product Description:	SCRU21-004

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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TERPENES by GC/MS (% Dry Weight)	Result	Units
limonene	0.05	%
linalool	0.67	%
b-caryophyllene	0.79	%
humulene	0.28	%
trans-nerolidol	0.13	%
guaiaol	0.15	%
a-bisabolol	0.35	%

CANNABINOIDS by HPLC (% Dry weight)	Result	Units
CBDV	<0.10	% weight
CBDA	0.06	% weight
CBGA	1.32	% weight
CBG	0.25	% weight
CBD	<0.10	% weight
THCV	<0.10	% weight
CBN	<0.10	% weight
THC	5.45	% weight
CBC	<0.10	% weight
THCA	85.16	% weight
TOTAL CANNABINOIDS =	92.24	% weight

Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 03/23/2021 (2183592-06).

Reviewed & Released by:

Michelle Szylobryt, QA / QC

Approved By:

Alan C. Johnson, Laboratory Director

Date: 3/30/2021

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CT Cert. #PH-0404 EPA Cert. #CT-024 USDA Cert. #0976 FDA Reg. #086650488 DEA Reg.: Federal #RN0281852 + CT #624



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<u>CANNABINOIDS</u>	<u>% by Weight</u>	<u>mg/.5g</u>	<u>mg/1g</u>
CBDV	<0.10	<0.10	<0.10
CBDA	0.06	0.30	0.60
CBGA	1.32	6.60	13.20
CBG	0.25	1.25	2.50
CBD	<0.10	<0.10	<0.10
THCV	<0.10	<0.10	<0.10
CBN	<0.10	<0.10	<0.10
THC	5.45	27.25	54.50
CBC	<0.10	<0.10	<0.10
THCA	85.16	425.80	851.60
Total Cannabinoids (mg)	----	461.20	922.40
Total Cannabinoids (%)	82.24	----	----

Comments:

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