



Report To:
Theraplant LLC
856 Echo Lake Road
Watertown, CT 06795

Laboratory Report#: T060821-02
Report Date: 06/14/2021
Corrected Report: 06/15/2021

Sample Site:	THERAPLANT • 856 ECHO LAKE RD, WATERTOWN CT
Product Description:	ICRU21-005

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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<u>TERPENES by GC/MS</u> <u>(% Dry Weight)</u>	<u>Result</u>	<u>Units</u>
a-pinene	----	%
camphene	----	%
b-pinene	----	%
b-myrcene	0.03	%
3-carene	----	%
a-terpinene	----	%
a-ocimene	----	%
p-cymene	----	%
limonene	0.03	%
ocimene	----	%
y-terpinene	----	%
terpinolene	----	%
linalool	----	%
(-)isopulegol	----	%
geraniol	----	%
b-caryophyllene	0.48	%
a-humulene	0.17	%
cis-nerolidol	----	%
trans-nerolidol	0.07	%
guaiaol	0.16	%
a-bisabolol	----	%
TOTAL TERPENES =	0.94	%

<u>CANNABINOIDS by HPLC</u> <u>(% Dry weight)</u>	<u>Result</u>	<u>Units</u>
CBDV	<0.01	% weight
CBDA	<0.01	% weight
CBGA	3.09	% weight
CBG	<0.01	% weight
CBD	<0.01	% weight
THCV	<0.01	% weight
CBN	0.38	% weight
THC	4.81	% weight
CBC	<0.01	% weight
THCA	84.36	% weight
TOTAL CANNABINOIDS =	92.64	% weight

Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 06/08/2021 (2184290-02).

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

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

Date: 6/15/2021



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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	3.09	15.45	30.90
CBG	<0.01	<0.01	<0.01
CBD	<0.01	<0.01	<0.01
THCV	<0.01	<0.01	<0.01
CBN	0.38	1.90	3.80
THC	4.81	24.05	48.10
CBC	<0.01	<0.01	<0.01
THCA	84.36	421.80	843.60
Total Cannabinoids (mg)	----	463.20	926.40
Total Cannabinoids (%)	92.64	----	----

Comments:

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