

**Report To:**

Theraplant LLC

Attn: Dan Emmans

856 Echo Lake Road

Watertown, CT 06795

Laboratory Report#: T032321-05

Report Date: 03/30/2021

E-Mail: dan@theraplant.com

Sample Site:	THERAPLANT • 856 ECHO LAKE RD, WATERTOWN CT
Product Description:	ICRU21-003

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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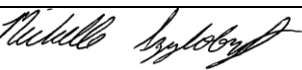
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Product Description:	ICRU21-003

TERPENES by GC/MS (% Dry Weight)	Result	Units
b-myrcene	0.04	%
limonene	0.09	%
y-terpinene	0.08	%
b-caryophyllene	0.81	%
a-humulene	0.22	%
guaiaol	0.11	%
a-bisabolol	0.18	%

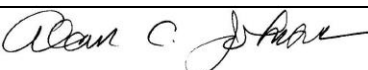
CANNABINOIDS by HPLC (% Dry weight)	Result	Units
CBDV	<0.10	% weight
CBDA	0.03	% weight
CBGA	1.82	% weight
CBG	<0.10	% weight
CBD	<0.10	% weight
THCV	<0.10	% weight
CBN	<0.10	% weight
THC	3.85	% weight
CBC	0.11	% weight
THCA	85.43	% weight
TOTAL CANNABINOIDS =	91.24	% weight

Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 03/23/2021 (2183592-05).

Reviewed & Released by: 

Michelle Szylobryt, QA / QC

Approved By: 

Alan C. Johnson, Laboratory Director

Date: 3/30/2021



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Product Description:	ICRU21-003

<u>CANNABINOIDS</u>	<u>% by Weight</u>	<u>Mg/.5g</u>	<u>Mg/1g</u>
CBDV	<0.10	<0.10	<0.10
CBDA	0.03	0.15	0.30
CBGA	1.82	9.10	18.20
CBG	<0.10	<0.10	<0.10
CBD	<0.10	<0.10	<0.10
THCV	<0.10	<0.10	<0.10
CBN	<0.10	<0.10	<0.10
THC	3.85	19.25	38.50
CBC	0.11	0.55	1.10
THCA	85.43	427.15	845.30
Total Cannabinoids (mg)	----	456.20	903.40
Total Cannabinoids (%)	91.24	----	----

Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 03/23/2021 (2183592-05).