

**Report To:**

Theraplant LLC

Attn: Dan Emmans

856 Echo Lake Road

Watertown, CT 06795

Laboratory Report#: **T012021-02**Report Date: **01/29/2021**E-Mail: dan@theraplant.com

Sample Site:	THERAPLANT • 856 ECHO LAKE RD, WATERTOWN CT
Product Description:	IPEN 21 – 002

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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Product Description:	IPEN 21 – 002

TERPENES by GC/MS
(% Dry Weight)

	Result	Units
b-pinene	0.31	%
limonene	1.52	%
b-caryophyllene	4.08	%
trans-nerolidol	0.46	%
a-bisabolol	0.88	%

CANNABINOIDS by HPLC
(% Dry weight)

	Result	Units
CBDV	<0.10	% weight
CBDA	<0.10	% weight
CBGA	<0.10	% weight
CBG	2.57	% weight
CBD	0.47	% weight
THCV	<0.10	% weight
CBN	1.26	% weight
THC	83.91	% weight
CBC	1.58	% weight
THCA	1.88	% weight
TOTAL CANNABINOIDS =	91.68	% weight

Density	1.00	g/cm ³
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Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/20/2021 (2183122-02).

Reviewed & Released by:

Michelle Szylobryt, QA / QC

Date: 01/29/2021

Approved By:

Alan C. Johnson, Laboratory Director



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Sample Site:	THERAPLANT • 856 ECHO LAKE RD, WATERTOWN CT
Product Description:	<u>IPEN 21 – 002</u>

CANNABINOIDS	% by Weight	1 mL serving	0.1 mL serving	350mg (THC + THCA)	200mg (THC +THCA)
CBDV	<0.10	<0.10	<0.10	<0.10	<0.10
CBDA	<0.10	<0.10	<0.10	<0.10	<0.10
CBGA	<0.10	<0.10	<0.10	<0.10	<0.10
CBG	2.57	25.71	2.57	10.49	5.99
CBD	0.47	4.73	0.47	1.93	1.10
THCV	<0.10	<0.10	<0.10	<0.10	<0.10
CBN	1.26	12.59	1.26	5.14	2.94
THC	83.91	839.13	83.91	342.33	195.62
CBC	1.58	15.83	1.58	6.46	3.69
THCA	1.88	18.80	1.88	7.67	4.38
Total Cannabinoids (mg)	----	916.79	91.68	374.01	213.72
Total Weight of Sample (g)	----	----	----	0.408	0.233
Total Cannabinoids (%)	91.68	----	----	----	----

Comments:

- Results are based on a sample submitted to Northeast Laboratories, Inc. on: 01/20/2021 (2183122-02).