

**Report To:**

Theraplant LLC

Attn: Dan Emmans

856 Echo Lake Road

Watertown, CT 06795

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

Sample Site:	THERAPLANT • 856 ECHO LAKE RD, WATERTOWN CT
Product Description:	IPEN 21 – 001

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
a-pinene	1.37	%
camphene	0.82	%
limonene	2.69	%
b-caryophyllene	1.45	%
trans-nerolidol	0.37	%
guaiaol	0.50	%
a-bisabolol	0.92	%

CANNABINOIDS by HPLC
(% Dry weight)

	Result	Units
CBDV	<0.10	% weight
CBDA	<0.10	% weight
CBGA	<0.10	% weight
CBG	1.60	% weight
CBD	<0.10	% weight
THCV	<0.10	% weight
CBN	<0.10	% weight
THC	85.22	% weight
CBC	1.25	% weight
THCA	1.54	% weight
TOTAL CANNABINOIDS =	89.61	% 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 (2183122-01).

Reviewed & Released by:

Michelle Szylobryt, QA / QC

Approved By:

Alan C. Johnson, Laboratory Director

Date: 01/29/2021



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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	1.60	16.01	1.60	6.46	3.69
CBD	<0.10	<0.10	<0.10	<0.10	<0.10
THCV	<0.10	<0.10	<0.10	<0.10	<0.10
CBN	<0.10	<0.10	<0.10	<0.10	<0.10
THC	85.22	852.22	85.22	343.77	196.44
CBC	1.25	12.46	1.25	5.03	2.87
THCA	1.54	15.44	1.54	6.23	3.56
Total Cannabinoids (mg)	----	896.13	89.61	361.49	206.56
Total Weight of Sample (g)	----	----	----	0.403	0.231
Total Cannabinoids (%)	89.61	----	----	----	----

Comments:

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