

**Report To:**

Theraplant LLC

Attn: Dan Emmans

856 Echo Lake Road

Watertown, CT 06795

Laboratory Report#: **N121520-02**Report Date: **12/22/2020**Report Update: **12/23/2020**E-Mail: dan@theraplant.com

Sample Site:	THERAPLANT • 856 ECHO LAKE RD, WATERTOWN CT
Product Description:	IPEN 20 – 027

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	0.20	%
b-myrcene	0.95	%
limonene	2.45	%
terpinolene	0.47	%
linalool	0.72	%
b-caryophyllene	1.48	%
trans-nerolidol	0.28	%
guaiaol	0.55	%
a-bisabolol	0.66	%

Density	1.00	mg/ml
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CANNABINOIDS by HPLC
(% Dry weight)

	Result	Units
CBDV	<0.10	% weight
CBDA	<0.10	% weight
CBGA	0.03	% weight
CBG	2.43	% weight
CBD	<0.10	% weight
THCV	0.61	% weight
CBN	0.80	% weight
THC	78.40	% weight
CBC	1.30	% weight
THCA	0.88	% weight
TOTAL CANNABINOIDS =	84.45	% weight

Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 12/15/2020 (2082835-02).

Reviewed & Released by:

Michelle Szylobryt, QA / QC

Approved By:

Alan C. Johnson, Laboratory Director

Date: 12/23/2020

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• 856 ECHO LAKE RD, WATERTOWN CT

Product Description:**IPEN 20 – 027**

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	0.03	0.30	0.03	0.13	0.08
CBG	2.43	24.30	2.43	10.73	6.13
CBD	<0.10	<0.10	<0.10	<0.10	<0.10
THCV	0.61	6.10	0.61	2.69	1.54
CBN	0.80	8.00	0.80	3.53	2.02
THC	78.40	784	78.40	346.11	197.78
CBC	1.30	13.00	1.30	5.74	3.28
THCA	0.88	8.80	0.88	3.89	2.22
Total Cannabinoids (mg)	84.45	844.50	84.45	372.82	213.05
Total Weight of Sample (g)	----	----	----	0.44	0.25

Comments:

- Results are based on a sample submitted to Northeast Laboratories, Inc. on: 12/15/2020 (2082835-02).