

**Report To:**

Theraplant LLC

Attn: Dan Emmans

856 Echo Lake Road

Watertown, CT 06795

Laboratory Report#: **N122220-02**Report Date: **12/31/2020**Report Update: **01/06/2021****E-Mail:** dan@theraplant.com

Sample Site:	THERAPLANT • 856 ECHO LAKE RD, WATERTOWN CT
Product Description:	IPEN 20 – 029

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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THERAPLANT

• 856 ECHO LAKE RD, WATERTOWN CT

Product Description:**IPEN 20 – 029****TERPENES by GC/MS**
(% Dry Weight)

	Result	Units
b-myrcene	1.76	%
limonene	0.39	%
linalool	1.10	%
b-caryophyllene	0.75	%
trans-nerolidol	1.76	%
Guaiol	0.42	
a-bisabolol	0.80	%

CANNABINOIDS by HPLC
(% Dry weight)

	Result	Units
CBDV	<0.10	% weight
CBDA	<0.10	% weight
CBGA	0.03	% weight
CBG	2.57	% weight
CBD	<0.10	% weight
THCV	0.25	% weight
CBN	1.16	% weight
THC	81.61	% weight
CBC	<0.10	% weight
THCA	2.24	% weight
TOTAL CANNABINOIDS =	87.86	% weight

Density 1.00 g/cm³**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 12/22/2020 (2082897-02).

Reviewed & Released by:

Michelle Szylobryt, QA / QC

Date: 01/06/2021

Approved By:

Alan C. Johnson, Laboratory Director

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Sample Site: THERAPLANT
• 856 ECHO LAKE RD, WATERTOWN CT

Product Description: **IPEN 20 – 029**

<u>CANNABINOIDS</u>	<u>% by Weight</u>	<u>1 mL serving</u>	<u>0.1 mL serving</u>	<u>350mg (THC + THCA)</u>	<u>200mg (THC +THCA)</u>
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	0.07
CBG	2.57	25.70	2.57	10.73	6.13
CBD	<0.10	<0.10	<0.10	<0.10	<0.10
THCV	0.25	2.50	0.25	1.04	0.60
CBN	1.16	11.60	1.16	4.84	2.77
THC	81.61	816.10	81.61	340.65	194.66
CBC	<0.10	<0.10	<0.10	<0.10	<0.10
THCA	2.24	22.40	2.24	9.35	5.34
Total Cannabinoids (mg)	----	878.60	87.86	366.74	209.57
Total Weight of Sample (g)	----	----	----	0.417	0.239
Total Cannabinoids (%)	87.86	----	----	----	----

Comments:

- Results are based on a sample submitted to Northeast Laboratories, Inc. on: 12/22/2020 (2082897-02).