

**Report To:**

Theraplant LLC

Attn: Dan Emmans

856 Echo Lake Road

Watertown, CT 06795

Laboratory Report#: **T010721-04**Report Date: **01/15/2021**E-Mail: dan@theraplant.com

Sample Site:	THERAPLANT • 856 ECHO LAKE RD, WATERTOWN CT
Product Description:	HPEN 20 – 020

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	0.91	%
b-pinene	2.51	%
b-myrcene	0.31	%
limonene	0.44	%
b-caryophyllene	1.01	%
guaiol	0.53	%
a-bisabolol	0.74	%

CANNABINOIDS by HPLC (% Dry weight)	Result	Units
CBDV	<0.10	% weight
CBDA	<0.10	% weight
CBGA	1.18	% weight
CBG	0.78	% weight
CBD	<0.10	% weight
THCV	<0.10	% weight
CBN	1.27	% weight
THC	79.40	% weight
CBC	1.53	% weight
THCA	1.03	% weight
TOTAL CANNABINOIDS =	85.19	% weight

Density	1.00	g/cm ³
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Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/07/2021 (2183018-04).

Reviewed & Released by:

Michelle Szylobryt, QA / QC

Approved By:

Alan C. Johnson, Laboratory Director

Date: 01/15/2021



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Product Description:	HPEN 20 – 020

<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	1.18	11.76	1.18	5.12	2.92
CBG	0.78	7.81	0.78	3.40	1.94
CBD	<0.10	<0.10	<0.10	<0.10	<0.10
THCV	<0.10	<0.10	<0.10	<0.10	<0.10
CBN	1.27	12.72	1.27	5.54	3.16
THC	79.40	794.01	79.40	345.52	197.44
CBC	1.53	15.32	1.53	6.66	3.81
THCA	1.03	10.30	1.03	4.48	2.56
Total Cannabinoids (mg)	----	851.92	85.19	370.72	211.84
Total Weight of Sample (g)	----	----	----	0.435	0.249
Total Cannabinoids (%)	85.19	----	----	----	----

Comments:

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