

**Report To:**

Theraplant LLC

Attn: Dan Emmans

856 Echo Lake Road

Watertown, CT 06795

Laboratory Report#: **T012021-04**Report Date: **01/29/2021**E-Mail: dan@theraplant.com

Sample Site:	THERAPLANT • 856 ECHO LAKE RD, WATERTOWN CT
Product Description:	SPEN 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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TERPENES by GC/MS (% Dry Weight)	Result	Units
b-pinene	0.60	%
b-myrcene	0.30	%
limonene	1.18	%
linalool	0.81	%
b-caryophyllene	1.63	%
a-bisabolol	0.85	%

CANNABINOIDS by HPLC (% Dry weight)	Result	Units
CBDV	<0.10	% weight
CBDA	<0.10	% weight
CBGA	0.27	% weight
CBG	0.45	% weight
CBD	0.22	% weight
THCV	<0.10	% weight
CBN	<0.10	% weight
THC	86.50	% weight
CBC	<0.10	% weight
THCA	1.04	% weight
TOTAL CANNABINOIDS =	88.49	% weight

Density 1.00 g/cm³

Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/20/2021 (2183122-04).

Reviewed & Released by:

Michelle Szylobryt, QA / QC

Date: 01/29/2021

Approved By:

Alan C. Johnson, Laboratory Director



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Product Description:	SPEN 21 – 002

<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	0.27	2.75	0.27	1.10	0.63
CBG	0.45	4.54	4.54	1.81	1.04
CBD	0.22	2.25	0.22	0.90	0.51
THCV	<0.10	<0.10	<0.10	<0.10	<0.10
CBN	<0.10	<0.10	<0.10	<0.10	<0.10
THC	86.50	864.96	86.50	345.85	197.63
CBC	<0.10	<0.10	<0.10	<0.10	<0.10
THCA	1.04	10.37	1.04	4.15	2.37
Total Cannabinoids (mg)	----	884.86	92.57	353.81	202.18
Total Weight of Sample (g)	----	----	----	0.400	0.228
Total Cannabinoids (%)	88.49	----	----	----	----

Comments:

- Results are based on a sample submitted to Northeast Laboratories, Inc. on: 01/20/2021 (2183122-04).