

**Report To:**

Theraplant LLC

Attn: Dan Emmans

856 Echo Lake Road

Watertown, CT 06795

Laboratory Report#: T021221-04

Report Date: 02/18/2021

E-Mail: dan@theraplant.com

Sample Site:	THERAPLANT • 856 ECHO LAKE RD, WATERTOWN CT
Product Description:	SPEN 21 – 004

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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Product Description:	SPEN 21 – 004

TERPENES by GC/MS (% Dry Weight)	Result	Units
b-pinene	0.55	%
b-myrcene	0.61	%
limonene	1.11	%
b-caryophyllene	2.04	%
a-humulene	0.95	%
a-bisabolol	0.89	%

CANNABINOIDS by HPLC (% Dry weight)	Result	Units
CBDV	<0.10	% weight
CBDA	<0.10	% weight
CBGA	0.27	% weight
CBG	1.30	% weight
CBD	0.32	% weight
THCV	0.23	% weight
CBN	<0.10	% weight
THC	84.29	% weight
CBC	1.47	% weight
THCA	0.57	% weight
TOTAL CANNABINOIDS =	88.45	% weight

Density	1.01	g/cm ³
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Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 02/12/2021 (2183280-04).

Reviewed & Released by:

Michelle Szylobryt, QA / QC

Date: 02/18/2021

Approved By:

Alan C. Johnson, Laboratory Director



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Product Description:	<u>SPEN 21 – 004</u>

<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	2.73	0.27	1.11	0.64
CBG	1.30	13.13	1.31	5.36	3.06
CBD	0.32	3.23	0.32	1.32	0.75
THCV	0.23	2.32	0.23	0.95	0.54
CBN	<0.10	<0.10	<0.10	<0.10	<0.10
THC	84.29	851.33	85.13	347.65	198.66
CBC	1.47	14.85	1.48	6.06	3.46
THCA	0.57	5.76	0.58	2.35	1.34
Total Cannabinoids (mg)	----	893.35	89.33	364.81	208.46
Total Weight of Sample (g)	----	----	----	0.412	0.246
Total Cannabinoids (%)	88.45	----	----	----	----

Comments:

- Results are based on a sample submitted to Northeast Laboratories, Inc. on: 02/12/2021 (2183280-04).