

**Report To:**

Theraplant LLC

Attn: Dan Emmans

856 Echo Lake Road

Watertown, CT 06795

Laboratory Report#: **T010721-02**Report Date: **01/15/2021**E-Mail: dan@theraplant.com

Sample Site:	THERAPLANT • 856 ECHO LAKE RD, WATERTOWN CT
Product Description:	SPEN 21 – 001

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	0.18	%
camphene	0.63	%
limonene	2.03	%
terpinolene	0.73	%
b-caryophyllene	2.76	%
a-humulene	0.27	%
trans-nerolidol	0.37	%
a-bisabolol	0.93	%

CANNABINOIDS by HPLC (% Dry weight)	Result	Units
CBDV	<0.10	% weight
CBDA	<0.10	% weight
CBGA	0.40	% weight
CBG	2.51	% weight
CBD	<0.10	% weight
THCV	<0.10	% weight
CBN	1.34	% weight
THC	75.67	% weight
CBC	1.73	% weight
THCA	3.14	% weight
TOTAL CANNABINOIDS =	84.79	% 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 (2183018-02).

Reviewed & Released by:

Michelle Szylobryt, QA / QC

Approved By:

Alan C. Johnson, Laboratory Director

Date: 01/15/2021



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Product Description:	<u>SPEN 21 – 001</u>

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	0.40	4.03	0.40	1.79	1.02
CBG	2.51	25.12	2.51	11.16	6.37
CBD	<0.10	<0.10	<0.10	<0.10	<0.10
THCV	<0.10	<0.10	<0.10	<0.10	<0.10
CBN	1.34	13.41	1.34	5.95	3.40
THC	75.67	756.72	75.67	336.07	192.04
CBC	1.73	17.29	1.73	7.68	4.39
THCA	3.14	31.36	3.14	13.93	7.96
Total Cannabinoids (mg)	----	847.92	84.79	376.58	215.19
Total Weight of Sample (g)	----	----	----	0.444	0.254
Total Cannabinoids (%)	84.79	----	----	----	----

Comments:

- Results are based on a sample submitted to Northeast Laboratories, Inc. on: 01/07/2021 (2183018-02).