

**Report To:**

Theraplant LLC

Attn: Dan Emmans

856 Echo Lake Road

Watertown, CT 06795

Laboratory Report#: **T012021-05**Report Date: **01/29/2021**E-Mail: dan@theraplant.com

Sample Site:	THERAPLANT • 856 ECHO LAKE RD, WATERTOWN CT
Product Description:	SPEN 21 – 003

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	0.20	%
b-pinene	0.76	%
b-myrcene	0.81	%
limonene	0.56	%
linalool	0.48	%
b-caryophyllene	1.80	%
a-bisabolol	0.66	%

CANNABINOIDS by HPLC (% Dry weight)	Result	Units
CBDV	<0.10	% weight
CBDA	<0.10	% weight
CBGA	0.34	% weight
CBG	2.95	% weight
CBD	4.58	% weight
THCV	<0.10	% weight
CBN	0.88	% weight
THC	78.37	% weight
CBC	1.18	% weight
THCA	1.21	% weight
TOTAL CANNABINOIDS =	89.51	% weight

Density 1.00 g/cm³

Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/20/2021 (2183122-05).

Reviewed & Released by:

Michelle Szylobryt, QA / QC

Approved By:

Alan C. Johnson, Laboratory Director

Date: 01/29/2021

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Product Description:	SPEN 21 – 003

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	0.34	3.43	0.34	1.51	0.86
CBG	2.95	29.46	2.95	12.96	7.40
CBD	4.58	45.79	4.58	20.14	11.51
THCV	<0.10	<0.10	<0.10	<0.10	<0.10
CBN	0.88	8.80	0.88	3.87	2.21
THC	78.37	783.74	78.37	344.66	196.95
CBC	1.18	11.78	1.18	5.18	2.96
THCA	1.21	12.14	1.21	5.34	3.05
Total Cannabinoids (mg)	----	895.14	89.51	393.65	224.94
Total Weight of Sample (g)	----	----	----	0.440	0.251
Total Cannabinoids (%)	89.51	----	----	----	----

Comments:

- Results are based on a sample submitted to Northeast Laboratories, Inc. on: 01/20/2021 (2183122-05).