

**Report To:**

Theraplant LLC

Attn: Dan Emmans

856 Echo Lake Road

Watertown, CT 06795

Laboratory Report#: **T021221-03**Report Date: **02/18/2021**E-Mail: dan@theraplant.com

Sample Site:	THERAPLANT • 856 ECHO LAKE RD, WATERTOWN CT
Product Description:	SPEN 21 – 005

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	0.44	%
b-pinene	0.66	%
b-myrcene	0.70	%
limonene	1.70	%
b-caryophyllene	1.59	%
a-humulene	0.73	%
guaiol	0.88	%
a-bisabolol	0.95	%

CANNABINOIDS by HPLC (% Dry weight)	Result	Units
CBDV	<0.10	% weight
CBDA	<0.10	% weight
CBGA	0.32	% weight
CBG	1.59	% weight
CBD	0.19	% weight
THCV	<0.10	% weight
CBN	0.35	% weight
THC	85.85	% weight
CBC	0.98	% weight
THCA	1.09	% weight
TOTAL CANNABINOIDS =	90.37	% 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 (2183280-03).

Reviewed & Released by:

Michelle Szylobryt, QA / QC

Approved By:

Alan C. Johnson, Laboratory Director

Date: 02/18/2021



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Product Description:	SPEN 21 – 005

<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	0.32	3.23	0.32	1.29	0.74
CBG	1.59	16.06	1.61	6.40	3.66
CBD	0.19	1.92	0.19	0.76	0.44
THCV	<0.10	<0.10	<0.10	<0.10	<0.10
CBN	0.35	3.54	0.35	1.41	0.81
THC	85.85	867.09	86.71	345.61	197.49
CBC	0.98	9.90	0.99	3.95	2.25
THCA	1.09	11.01	1.10	4.39	2.51
Total Cannabinoids (mg)	----	912.74	90.92	363.81	207.89
Total Weight of Sample (g)	----	----	----	0.403	0.230
Total Cannabinoids (%)	90.37	----	----	----	----

Comments:

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