

**Report To:**

Theraplant LLC

Attn: Dan Emmans

856 Echo Lake Road

Watertown, CT 06795

Laboratory Report#: **T031721-08, 09**Report Date: **03/26/2021**E-Mail: dan@theraplant.com

Sample Site:	THERAPLANT • 856 ECHO LAKE RD, WATERTOWN CT
Product Description:	GPA-20-001

*Microbiological Parameters	Result	Units	Pass/Fail	Recommended Limits
Total Aerobic Microbial Count	100	per gram	PASS	100,000
Total Yeast & Mold Count	5000	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	0.32	%
camphene	0.02	%
b-pinene	0.17	%
b-myrcene	0.37	%
limonene	0.10	%
b-caryophyllene	0.51	%
a-humulene	0.16	%
trans-nerolidol	0.03	%
a-bisabolol	0.07	%

CANNABINOIDS by HPLC (% Dry weight)	Result	Units
CBDV	<0.10	% weight
CBDA	0.01	% weight
CBGA	0.12	% weight
CBG	0.12	% weight
CBD	<0.10	% weight
THCV	<0.10	% weight
CBN	<0.10	% weight
THC	0.41	% weight
CBC	0.07	% weight
THCA	21.39	% weight
TOTAL CANNABINOIDS =	22.12	% weight

Moisture	14.81	%
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Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 03/17/2021 (2183561-08) except for the following: *Microbiological Parameters; results from 03/17/2021 (2183561-09) as per client request.

Reviewed & Released by: *Michelle Szylobryt*
Michelle Szylobryt, QA / QC

Approved By: *Alan C. Johnson*
Alan C. Johnson, Laboratory Director

Date: 3/26/2021