

**Report To:**

Theraplant LLC

Attn: Dan Emmans

856 Echo Lake Road

Watertown, CT 06795

Laboratory Report#: **T012921-01**Report Date: **02/05/2021**E-Mail: dan@theraplant.com

Sample Site:	THERAPLANT • 856 ECHO LAKE RD, WATERTOWN CT
Product Description:	IBUD 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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<u>TERPENES by GC/MS</u> <u>(% Dry Weight)</u>	<u>Result</u>	<u>Units</u>
b-caryophyllene	1.12	%
trans-nerolidol	0.50	%
a-bisabolol	0.84	%

<u>CANNABINOIDS by HPLC</u> <u>(% Dry weight)</u>	<u>Result</u>	<u>Units</u>
CBDV	<0.10	% weight
CBDA	<0.10	% weight
CBGA	2.92	% weight
CBG	0.67	% weight
CBD	<0.10	% weight
THCV	<0.10	% weight
CBN	<0.10	% weight
THC	3.31	% weight
CBC	<0.10	% weight
THCA	88.58	% weight
TOTAL CANNABINOIDS =	95.48	% weight

Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/29/2021 (2183187-01).

Reviewed & Released by:

Michelle Szylobryt, QA / QC

Approved By:

Alan C. Johnson, Laboratory Director

Date: 02/05/2021



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<u>CANNABINOIDS</u>	<u>% by Weight</u>	<u>Mg per 0.5 g</u>	<u>Mg per 1 g</u>
CBDV	<0.10	<0.10	<0.10
CBDA	<0.10	<0.10	<0.10
CBGA	2.92	14.60	29.20
CBG	0.67	3.35	6.70
CBD	<0.10	<0.10	<0.10
THCV	<0.10	<0.10	<0.10
CBN	<0.10	<0.10	<0.10
THC	3.31	16.55	33.10
CBC	<0.10	<0.10	<0.10
THCA	88.58	442.90	885.80
Total Cannabinoids=	95.48	477.40	954.80

Comments:

- Results are based on a sample submitted to Northeast Laboratories, Inc. on: 01/29/2021 (2183187-01).