

**Report To:**

Theraplant LLC

Attn: Dan Emmans

856 Echo Lake Road

Watertown, CT 06795

Laboratory Report#: **T042721-01**Report Date: **05/04/2021**E-Mail: dan@theraplant.com

Sample Site:	THERAPLANT • 856 ECHO LAKE RD, WATERTOWN CT
Product Description:	HBUD21-002

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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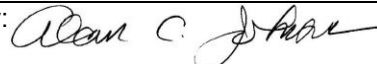
<u>TERPENES by GC/MS</u> <u>(% Dry Weight)</u>	<u>Result</u>	<u>Units</u>
b-myrcene	0.03	%
limonene	0.03	%
linalool	0.74	%
b-caryophyllene	0.86	%
a-humulene	0.30	%
trans-nerolidol	0.08	%
guaiol	0.10	%
a-bisabolol	0.08	%

<u>CANNABINOIDS by HPLC</u> <u>(% Dry weight)</u>	<u>Result</u>	<u>Units</u>
CBDV	<0.01	% weight
CBDA	0.08	% weight
CBGA	3.05	% weight
CBG	0.70	% weight
CBD	<0.01	% weight
THCV	<0.01	% weight
CBN	<0.01	% weight
THC	7.72	% weight
CBC	<0.01	% weight
THCA	80.81	% weight
TOTAL CANNABINOIDS =	92.36	% weight

Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 04/27/2021 (2183916-01).

Reviewed & Released by: 
Michelle Szylobryt, QA / QC

Approved By: 
Alan C. Johnson, Laboratory Director

Date: 5/4/2021



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<u>CANNABINOIDS</u>	<u>% by Weight</u>	<u>mg/.5g</u>	<u>mg/1g</u>
CBDV	<0.01	<0.01	<0.01
CBDA	0.08	0.40	0.80
CBGA	3.05	15.25	30.50
CBG	0.70	3.50	7.00
CBD	<0.01	<0.01	<0.01
THCV	<0.01	<0.01	<0.01
CBN	<0.01	<0.01	<0.01
THC	7.72	38.60	77.20
CBC	<0.01	<0.01	<0.01
THCA	80.81	404.05	808.10
Total Cannabinoids (mg)	----	461.80	923.60
Total Cannabinoids (%)	92.36	----	----

Comments:

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