

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 2/03/2022
Report Date: 2/10/2022
NELabs Report ID: 2286638-05

Product ID: IBAT22-002

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	<100	100,000	AOAC 990.12
Total Yeast & Mold Count	<100	10,000	AOAC 2014.05
Bile Tolerant Gram-Negative Bacteria	<100	1,000	AOAC 2003.01
Coliform	<100	1,000	AOAC 991.14
Enteropathogenic <i>E. coli</i>	Not Detected	Not Detected	AOAC 2017.01
Salmonella species	Not Detected	Not Detected	AOAC 2016.01
Pass/Fail: PASS			

Heavy Metals by ICP-MS	Results (µg/kg BW/day)	Limits (µg/kg BW/day)
Arsenic	<3.2 ⁻⁴	<0.14
Cadmium	<2.4 ⁻⁴	<0.09
Lead	<2.2 ⁻⁴	<0.29
Mercury	<8.4 ⁻⁴	<0.29
Pass/Fail: PASS		

Mycotoxins by TLC	Results (µg/kg)	Limits (µg/kg)
Aflatoxin B1	<5	5
Aflatoxin B2	<5	5
Aflatoxin G1	<5	5
Aflatoxin G2	<5	5
Ochratoxin-A	<5	5
Pass/Fail: PASS		

Pesticides by GC-MS	Results		Results
Bifenazate	Not Detected	Imidacloprid	Not Detected
Bifenthrin	Not Detected	Myclobutanil	Not Detected
Cyfluthrin	Not Detected	Pyrethrum	Not Detected
Etoazole	Not Detected	Spiromesifen	Not Detected
Imazalil	Not Detected	Trifloxystrobin	Not Detected
Pass/Fail: PASS			

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<i>Terpenes by GC-MS</i>	Results (% w/w)
α -Pinene	0.17
β -Myrcene	0.20
β -Pinene	0.12
3-Carene	0.05
Limonene	0.12
β -Ocimene	0.09
Linalool	0.24
β -Caryophyllene	0.81
α -Humulene	0.30
cis-Nerolidol	0.20
trans-Nerolidol	1.56

<i>Cannabinoids by HPLC</i>	Results (% w/w)
CBDV	<0.01
CBDA	0.09
CBGA	2.52
CBG	0.10
CBD	<0.01
THCV	<0.01
CBN	<0.01
THC	4.72
CBC	<0.01
THCA	85.76
Total Cannabinoids: 93.19	

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 2/03/2022.

Date:	Reviewed by: 	Released by: 
2/10/2022	Michelle Szylobryt, QA / QC	Alan C. Johnson, Laboratory Director

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<i>Cannabinoids</i>	% w/w	mg per .5g	mg per 1g
CBDV	<0.01	<0.01	<0.01
CBDA	0.09	0.45	0.90
CBGA	2.52	12.60	25.20
CBG	0.10	0.50	1.00
CBD	<0.01	<0.01	<0.01
THCV	<0.01	<0.01	<0.01
CBN	<0.01	<0.01	<0.01
THC	4.72	23.60	47.20
CBC	<0.01	<0.01	<0.01
THCA	85.76	428.80	857.60
Total Cannabinoids (mg)	----	465.95	931.90
Total Cannabinoids (%)	93.19	----	----

<i>Most Prevalent Terpenes</i>	Results (% w/w)
α -Pinene	0.17
β -Myrcene	0.20
β -Pinene	0.12
Limonene	0.12
Linalool	0.24
β -Caryophyllene	0.81
α -Humulene	0.30
cis-Nerolidol	0.20
trans-Nerolidol	1.56

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