

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 04/11/2023
Report Date: 04/19/2023
NELabs Report ID: 2389979-08

Product ID: IPEN23-005

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	<100	100,000	AOAC 990.12
Total Yeast & Mold Count	<100	100,000	AOAC 2014.05
<i>Aspergillus (flavus, fumigatus, terreus, niger)</i>	Not Detected	Not Detected	qPCR
Enteropathogenic <i>E. coli</i>	Not Detected	Not Detected	AOAC 2017.01
<i>Listeria Monocytogenes</i>	Not Detected	Not Detected	AOAC 2016.08
<i>Salmonella</i> species	Not Detected	Not Detected	AOAC 2016.01
Shiga Toxin Producing <i>E. coli</i>	Not Detected	Not Detected	FDA BAM
Pass/Fail: PASS			

Cannabinoids by HPLC	Results (% w/w)
CBDV	----
CBDA	----
CBGA	----
CBG	7.68
CBD	----
THCV	2.08
CBN	2.54
Δ^9 THC	74.16
CBL	----
CBC	----
THCA	----
Total Cannabinoids	86.46 %
Total THC: 74.16 %	

Density	Results (g/cm ³)
Sample Mass	1.00

Residual Solvent by GC-MS	Results (% w/w)
Ethanol	0.48

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.17
Camphene	0.02
β -Myrcene	0.34
β -Pinene	0.14
3-Carene	0.01
α -Terpinene	0.01
Limonene	0.76
Ocimene	1.60
p-Cymene	----
γ -Terpinene	0.01
Terpinolene	0.21
Linalool	0.18
(-)-Isopulegol	0.01
Geraniol	----
β -Caryophyllene	0.82
α -Humulene	0.25
cis-Nerolidol	0.16
trans-Nerolidol	0.02
Guaiol	0.06
α -Bisabolol	0.02
Total Terpenes: 4.79 %	



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Pesticides by LC-MS/MS	Results	Limits
Per Sample $\geq$ 0.5g	Not Detected	Below Action Levels
Pass/Fail: PASS		

Heavy Metals by ICP-MS	Results	Limits
As, Cd, Pb, Hg	Below Detection	Below Action Levels
Pass/Fail: PASS		

Mycotoxins by LC-MS/MS	Results ($\mu\text{g/kg}$)	Limits ($\mu\text{g/kg}$)
Aflatoxins (B1, B2, G1, G2)	<20 each	<20 each
Ochratoxin-A	<20	<20
Pass/Fail: PASS		

Ingredient Testing by FTIR	Results ($\mu\text{g/kg}$)	Limits ($\mu\text{g/kg}$)
Vitamin E Acetate	Not Detected	Absent
Medium Chain Triglycerides	Not Detected	Absent
Squalene	Not Detected	Absent
Squalane	Not Detected	Absent
Polyethylene Glycol	Not Detected	Absent
Pass/Fail: PASS		

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 04/11/2023.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
04/19/2023	Michelle Szylobryt, QA / QC	Zachary Cannone, Laboratory Director

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO/ILAC-IAF Communiqué dated April 2017).



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Cannabinoids	% w/w	mg/1 mL serving	mg/0.1 mL serving	mg/300 mg	mg/500 mg	mg/1,000 mg
CBDV	----	----	----	----	----	----
CBDA	----	----	----	----	----	----
CBGA	----	----	----	----	----	----
CBG	7.68	76.80	7.68	23.04	38.04	76.80
CBD	----	----	----	----	----	----
THCV	2.08	20.80	2.08	6.24	10.40	20.80
CBN	2.54	25.40	2.54	7.62	12.70	25.40
Δ^9 THC	74.16	741.60	74.16	222.48	370.80	741.60
CBL	----	----	----	----	----	----
CBC	----	----	----	----	----	----
THCA	----	----	----	----	----	----
Total Cannabinoids	86.46	864.60	86.46	259.38	432.30	864.60

Most Prevalent Terpenes	Results (% w/w)
β -Myrcene	0.34
Limonene	0.76
Ocimene	1.60
β -Caryophyllene	0.82

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