

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 03/02/2023
Report Date: 03/27/2023
NELabs Report ID: 2389645-02

Product ID: ICRU23-003

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	0.70
CBGA	2.37
CBG	0.59
CBD	----
THCV	----
CBN	----
Δ^9 THC	5.36
CBL	----
CBC	----
THCA	89.52
Total Cannabinoids	98.54 %
Total THC: 83.87 %	

Residual Solvent by GC-MS	Results (% w/w)
Ethanol	<0.10

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.01
Camphene	----
β -Myrcene	0.01
β -Pinene	----
3-Carene	----
α -Terpinene	----
Limonene	0.03
Ocimene	0.03
p-Cymene	----
γ -Terpinene	----
Terpinolene	0.01
Linalool	0.02
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	0.37
α -Humulene	0.14
cis-Nerolidol	0.33
trans-Nerolidol	0.07
Guaiol	0.07
α -Bisabolol	0.02
Total Terpenes: 1.11 %	



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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 03/02/2023.
CoAs issued 03/09/2023, 3/10/2023, and 03/13/2023; re-issued 03/27/2023 to append Supplemental Attachment at the request of the client.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
03/27/2023	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 per 500 mg	mg per 1,000 mg
CBDV	----	----	----
CBDA	0.70	3.50	7.00
CBGA	2.37	11.85	23.70
CBG	0.59	2.95	5.90
CBD	----	----	----
THCV	----	----	----
CBN	----	----	----
Δ^9 THC	5.36	26.80	53.60
CBL	----	----	----
CBC	----	----	----
THCA	89.52	447.60	895.20
Total Cannabinoids	95.58	492.70	985.40

Most Prevalent Terpenes	Results (% w/w)
β -Caryophyllene	0.37
α -Humulene	0.14
cis-Nerolidol	0.33
trans-Nerolidol	0.07

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