

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 05/02/2024
Report Date: 05/09/2024
NELabs Report ID: 2493330-12

Product ID: IROC-24-005

Biotrack ID: 4382 9654 6048 1455

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	250	100,000	AOAC 990.12
Total Yeast & Mold Count	4,000	100,000	AOAC 2014.05
<i>Aspergillus</i> (flavus, fumigatus, terreus, niger)	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	qPCR
Pass/Fail: PASS			

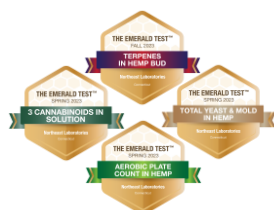
Cannabinoids by HPLC	Results (% w/w)
CBDV	----
CBDA	----
CBGA	<LOQ
CBG	0.64
CBD	<LOQ
THCV	<LOQ
CBN	0.37
Δ^9 THC	40.16
Δ^8 THC	----
CBL	----
THCA	17.04
CBC	----
Total Cannabinoids: 58.21 %	
Total THC (0.877*THCA+THC): 55.10 %	

^a: percentages calculated on dry weight basis

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.02
β -Myrcene	0.04
β -Pinene	0.02
Limonene	0.12
α -Terpinolene	0.01
Linalool	0.04
β -Caryophyllene	0.26
α -Humulene	0.06
Caryophyllene Oxide	----
α -Bisabolol	0.03
Total Terpenes: 0.60 %	

^a: percentages calculated on dry weight basis

Moisture	Results
Water Content (% w/w)	7.8
Water Activity (Aw)	0.45



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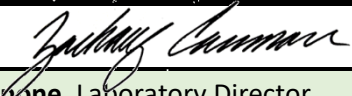
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Pesticides by LC-MS/MS	Results	Limits
Per Sample $\geq 0.5g$	Below Action Limits	Below Action Levels
Pass/Fail: PASS		

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

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

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 05/02/2024.

Date:	Reviewed by: 	Released by: 
05/09/2024	Garrett Johnson, QA/QC	Zachary Canzone, 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 ISOILAC-IAF Communiqué dated April 2017).



30 Cold Spring Rd. Rocky Hill, CT 06067 • www.nelabsct.com • P: 860-828-9787
PJLA Testing ISO/IEC 17025:2017 Accreditation #: 99258
State of CT: ACTL.0000004



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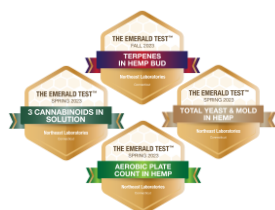
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Cannabinoids	% w/w	mg per 1.0 gram	mg per 1.5 grams	mg per 2.0 grams
CBDV	----	----	----	----
CBDA	----	----	----	----
CBGA	<LOQ	<1.0	<1.0	<1.0
CBG	0.64	6.40	9.60	12.80
CBD	<LOQ	<1.0	<1.0	<1.0
THCV	<LOQ	<1.0	<1.0	<1.0
CBN	0.37	3.70	5.55	7.40
Δ^9 THC	40.16	401.60	602.40	803.20
Δ^8 THC	----	----	----	----
CBL	----	----	----	----
THCA	17.04	170.40	255.60	340.80
CBC	----	----	----	----

Most Prevalent Terpenes	Results (% w/w)
β -Caryophyllene	0.26
Limonene	0.12
α -Humulene	0.06
β -Myrcene	0.04

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 05/02/2024.



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