

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 04/11/2024
Report Date: 04/19/2024
NELabs Report ID: 2493151-07

Product ID: HROC-24-007

Biotrack ID 8590 1662 6694 6052

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	850	100,000	AOAC 990.12
Total Yeast & Mold Count	4,500	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	FDA BAM
Pass/Fail: PASS			

Cannabinoids by HPLC	Results (% w/w)
CBDV	----
CBDA	<LOQ
CBGA	<LOQ
CBG	0.76
CBD	<LOQ
THCV	<LOQ
CBN	<LOQ
Δ^9 THC	29.05
Δ^8 THC	----
CBL	----
THCA	22.22
CBC	----
Total Cannabinoids: 52.03 %	
Total THC ($0.877 \times \text{THCA}$)+THC: 48.54 %	

^a: percentages calculated on dry weight basis

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.07
β -Myrcene	0.14
β -Pinene	0.06
Limonene	0.33
α -Terpinolene	0.01
Linalool	0.09
β -Caryophyllene	0.17
α -Humulene	0.04
Caryophyllene Oxide	----
α -Bisabolol	0.01
Total Terpenes: 0.92 %	

^a: percentages calculated on dry weight basis

Moisture	Results
Water Content (% w/w)	7.80
Water Activity (Aw)	0.46



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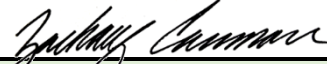
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Pesticides by LC-MS/MS	Results	Limits
Per Sample $\geq 0.5g$	Below Action Limits	Below Action Levels
Pass/Fail: PASS		

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 04/11/2024.

Date:	Reviewed by: 	Released by: 
4/19/24	Garrett Johnson, 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 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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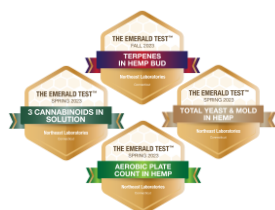
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Cannabinoids	% w/w	mg per 1.0 gram	mg per 1.5 grams	mg per 2.0 grams
CBDV	----	----	----	----
CBDA	<LOQ	<1.0	<1.0	<1.0
CBGA	<LOQ	<1.0	<1.0	<1.0
CBG	0.76	7.60	11.40	15.20
CBD	<LOQ	<1.0	<1.0	<1.0
THCV	<LOQ	<1.0	<1.0	<1.0
CBN	<LOQ	<1.0	<1.0	<1.0
Δ^9 THC	29.05	290.50	435.75	581.00
Δ^8 THC	----	----	----	----
CBL	----	----	----	----
THCA	22.22	222.20	333.30	444.40
CBC	----	----	----	----

Most Prevalent Terpenes	Results (% w/w)
Limonene	0.33
β -Caryophyllene	0.17
β -Myrcene	0.14
Linalool	0.09

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