

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 08/22/2024
Report Date: 08/30/2024
NELabs Report ID: 2494496-17

Product ID: HXPR24-019

Biotrack ID: 9050 1547 8177 9144

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	450	100,000	AOAC 990.12
Total Yeast & Mold Count	<100	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	<LOQ
CBGA	0.52
CBG	0.49
CBD	----
THCV	----
CBN	0.68
Δ^9 THC	18.62
Δ^8 THC	----
CBL	----
THCA	22.95
CBC	----
Total Cannabinoids: 43.26 %	
Total THC ($0.877 \times \text{THCA} + \text{THC}$): 38.75 %	

^a: percentages calculated on dry weight basis

Moisture	Results
Water Content (% w/w)	6.8
Water Activity (Aw)	0.51

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.03
β -Myrcene	0.08
β -Pinene	0.03
Limonene	0.12
α -Terpinolene	0.07
Linalool	0.14
β -Caryophyllene	0.26
α -Humulene	0.07
Caryophyllene Oxide	----
α -Bisabolol	----
Total Terpenes: 0.80%	

^a: percentages calculated on dry weight basis



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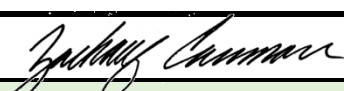
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Pesticides by LC-MS/MS	Results	Limits
Per Sample $\geq 0.5g$	Below Action Limits	Below Action Levels
Pass/Fail: PASS		

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 08/22/2024.

Date:	Reviewed by:	Released by:
08/30/2024	 Caelyn Audrain, QA/QC	 Zachary Cannone, Laboratory Director

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. 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).

*Not all results and/or analytes reported are obtained from ISO accredited testing methods.
Please refer to our ISO certificate for a full list of testing under our scope of accreditation.*



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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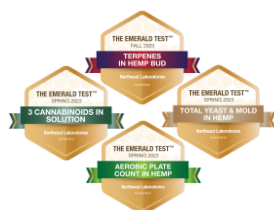
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Cannabinoids	% w/w	mg per 0.65 grams	mg per 1 grams
CBDV	----	----	----
CBDA	<LOQ	<1.0	<1.0
CBGA	0.52	3.38	5.20
CBG	0.49	3.19	4.90
CBD	----	----	----
THCV	----	----	----
CBN	0.68	4.42	6.80
Δ^9 THC	18.62	121.03	186.20
Δ^8 THC	----	----	----
CBL	----	----	----
THCA	22.95	149.18	229.50
CBC	----	----	----

Most Prevalent Terpenes	Results (% w/w)
Linalool	0.14
β -Myrcene	0.08
β -Caryophyllene	0.26
Limonene	0.12

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