

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 03/30/2023
Report Date: 04/11/2023
NELabs Report ID: 2389899-02

Product ID: HROC23-002

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	<100	100,000	AOAC 990.12
Total Yeast & Mold Count	18,000	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	1.88
CBGA	1.21
CBG	0.72
CBD	2.14
THCV	0.61
CBN	0.30
Δ^9 THC	26.65
CBL	----
CBC	----
THCA	25.67
Total Cannabinoids	59.18 %
Total THC: 49.16%	

Moisture	Results
Water Content (% w/w)	8.5
Water Activity (Aw)	0.41

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.06
Camphene	0.01
β -Myrcene	0.15
β -Pinene	0.05
3-Carene	0.01
α -Terpinene	----
Limonene	0.30
Ocimene	0.52
p-Cymene	----
γ -Terpinene	0.01
Terpinolene	0.09
Linalool	0.12
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	0.71
α -Humulene	0.23
cis-Nerolidol	0.18
trans-Nerolidol	----
Guaiol	----
α -Bisabolol	0.01
Total Terpenes: 2.45%	



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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		

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 03/30/2023.
CoA issued 04/10/2023; re-issued 04/11/2023 to include supplemental attachment
at the request of the client.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
04/11/2023	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 2.0 grams
CBDV	----	----
CBDA	1.88	37.60
CBGA	1.21	24.20
CBG	0.72	14.40
CBD	2.14	42.80
THCV	0.61	12.20
CBN	0.30	6.00
Δ^9 THC	26.65	533.00
CBL	----	----
CBC	----	----
THCA	25.67	513.40
Total Cannabinoids	59.18	1,183.60

Most Prevalent Terpenes	Results (% w/w)
Limonene	0.30
Ocimene	0.52
β -Caryophyllene	0.71
α -Humulene	0.23

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