

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 07/20/2023
Report Date: 07/28/2023
NELabs Report ID: 2390817-03

Product ID: HCRU23-010

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	0.08
CBGA	0.82
CBG	0.14
CBD	----
THCV	----
CBN	----
Δ^9 THC	6.79
CBL	----
CBC	----
THCA	83.93
Total Cannabinoids	91.76 %
Total THC: 80.40 %	

Residual Solvent by GC-MS	Results (% w/w)
Ethanol	0.13

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.03
Camphene	0.01
β -Myrcene	0.09
β -Pinene	0.02
3-Carene	----
α -Terpinene	0.01
Limonene	0.08
Ocimene	0.04
p-Cymene	----
γ -Terpinene	0.01
Terpinolene	0.07
Linalool	0.17
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	0.46
α -Humulene	----
cis-Nerolidol	0.27
trans-Nerolidol	----
Guaiol	0.02
α -Bisabolol	0.03
Total Terpenes: 1.31 %	



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

Ingredient Testing by FTIR	Results ($\mu g/kg$)	Limits ($\mu g/kg$)
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 07/20/2023.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
07/28/2023	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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Major Cannabinoids	% w/w	mg per 0.5 g	mg per 1.0 g	mg per 2.0 g
CBDA	0.08	0.40	0.80	1.60
CBD	----	----	----	----
THC	6.79	33.95	67.90	135.80
THCA	83.93	419.65	839.30	1,678.60
Total Major Cannabinoids	90.80	454.00	908.00	1,816.00

Most Prevalent Terpenes	Results (% w/w)
β-Myrcene	0.09
Linalool	0.17
β-Caryophyllene	0.46
cis-Nerolidol	0.27

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