

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 05/09/2023
Report Date: 05/19/2023
NELabs Report ID: 2390211-04

Product ID: HCRU23-004

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	0.27
CBGA	0.82
CBG	1.28
CBD	----
THCV	----
CBN	----
Δ^9 THC	2.67
CBL	----
CBC	----
THCA	91.97
Total Cannabinoids	97.01 %
Total THC: 83.33 %	

Residual Solvent by GC-MS	Results (% w/w)
Ethanol	<0.10

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.02
Camphene	0.01
β -Myrcene	0.02
β -Pinene	0.01
3-Carene	0.01
α -Terpinene	----
Limonene	0.06
Ocimene	0.04
p-Cymene	----
γ -Terpinene	0.01
Terpinolene	0.03
Linalool	0.21
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	0.29
α -Humulene	0.20
cis-Nerolidol	0.18
trans-Nerolidol	----
Guaiol	----
α -Bisabolol	----
Total Terpenes: 1.09 %	



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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 05/09/2023.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
05/19/2023	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 0.5 g	mg per 1.0 g	mg per 2.0 g
CBDV	----	----	----	----
CBDA	0.27	1.35	2.70	5.40
CBGA	0.82	4.10	8.20	16.40
CBG	1.28	6.40	12.80	25.60
CBD	----	----	----	----
THCV	----	----	----	----
CBN	----	----	----	----
Δ^9 THC	2.67	13.35	26.70	53.40
CBL	----	----	----	----
CBC	----	----	----	----
THCA	91.97	459.85	919.70	1,839.40
Total Cannabinoids	97.01	485.05	970.10	1,940.20

Most Prevalent Terpenes	Results (% w/w)
Linalool	0.21
β -Caryophyllene	0.29
α -Humulene	0.20
cis-Nerolidol	0.18

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