

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 4/27/2023
Report Date: 5/08/2023
NELabs Report ID: 2390120-01

Product ID: HRSO23-002

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	0.10
CBGA	----
CBG	2.13
CBD	----
THCV	0.93
CBN	1.59
Δ^9 THC	83.29
CBL	----
CBC	----
THCA	----
Total Cannabinoids	88.04%
Total THC: 83.29%	

Density	Results (g/cm ³)
Sample Mass	1.00

Residual Solvent by GC-MS	Results (% w/w)
Ethanol	0.16

Terpenes by GC-MS	Results (% w/w)
α -Pinene	----
Camphene	----
β -Myrcene	0.01
β -Pinene	----
3-Carene	----
α -Terpinene	----
Limonene	0.03
Ocimene	0.04
p-Cymene	----
γ -Terpinene	----
Terpinolene	0.01
Linalool	0.12
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	0.50
α -Humulene	0.15
cis-Nerolidol	0.26
trans-Nerolidol	0.03
Guaiol	----
α -Bisabolol	0.02
Total Terpenes: 1.17%	



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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		

Ingredient Testing by FTIR	Results ($\mu\text{g/kg}$)	Limits ($\mu\text{g/kg}$)
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		

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
05/08/23	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 ISOILAC-IAF Communiqué dated April 2017).



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Major Cannabinoids	% w/w	1 mL	0.1 mL	mg per 0.3 g	mg per 0.5 g	mg per 1.0 g
Δ^9 THC	83.29	832.90	83.29	249.87	416.45	832.90
CBG	2.13	21.30	2.13	6.39	10.65	21.30
CBN	1.59	15.90	1.59	4.77	7.95	15.90
THCV	0.93	9.30	0.93	2.79	4.65	9.30

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 04/27/2023.

Most Prevalent Terpenes	Results (% w/w)
β -Caryophyllene	0.50
cis-Nerolidol	0.26
α -Humulene	0.15
Linalool	0.12

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 04/27/2023.

