

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 03/02/2023
Report Date: 03/10/2023
NELabs Report ID: 2389645-06

Product ID: FRSO22-002

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	----
CBGA	----
CBG	2.18
CBD	41.22
THCV	1.37
CBN	1.16
Δ^9 THC	45.46
CBL	----
CBC	----
THCA	----
Total Cannabinoids	91.39 %
Total THC: 45.46 %	

Density	Results (g/cm ³)
Sample Mass	0.97

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

Terpenes by GC-MS	Results (% w/w)
α -Pinene	----
Camphene	----
β -Myrcene	0.01
β -Pinene	----
3-Carene	----
α -Terpinene	----
Limonene	0.03
Ocimene	0.02
p-Cymene	----
γ -Terpinene	----
Terpinolene	----
Linalool	0.13
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	0.66
α -Humulene	0.25
cis-Nerolidol	0.18
trans-Nerolidol	0.03
Guaiol	----
α -Bisabolol	0.01
Total Terpenes: 1.32 %	



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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		

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 03/02/2023.
CoA issued 03/09/2023; re-issued 03/10/2023 to append Supplemental Attachment at the request of the client.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
03/10/2023	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 1 mL serving	mg per 0.1 mL serving
CBD	41.22	399.83	39.98
THC	45.46	440.96	44.10
THCA	----	----	----
Total Cannabinoids	86.68	840.79	84.08

Most Prevalent Terpenes	Results (% w/w)
Linalool	0.13
β -Caryophyllene	0.66
α -Humulene	0.25
cis-Nerolidol	0.18

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