

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 03/23/2023
Report Date: 03/31/2023
NELabs Report ID: 2389837-01

Product ID: SCR23-004

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	0.57
CBGA	1.83
CBG	0.77
CBD	----
THCV	----
CBN	----
Δ^9 THC	8.31
CBL	----
CBC	----
THCA	87.41
Total Cannabinoids	98.89 %
Total THC: 84.97 %	

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

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.01
Camphene	----
β -Myrcene	0.01
β -Pinene	----
3-Carene	0.01
α -Terpinene	0.03
Limonene	0.04
Ocimene	0.05
p-Cymene	0.01
γ -Terpinene	0.07
Terpinolene	0.09
Linalool	0.06
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	0.27
α -Humulene	0.14
cis-Nerolidol	0.16
trans-Nerolidol	0.05
Guaiol	0.07
α -Bisabolol	0.01
Total Terpenes: 1.08 %	



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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 03/23/2023.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
03/31/2023	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/IEC 17025:2017 Accreditation #: 99258 dated April 2017).



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Cannabinoids	% w/w	mg per 0.5 g	mg per 1.0 g
CBDV	----	----	----
CBDa	0.57	2.85	5.70
CBGA	1.83	9.15	18.30
CBG	0.77	3.85	7.70
CBD	----	----	----
THCV	----	----	----
CBN	----	----	----
Δ^9 THC	8.31	41.55	83.10
CBL	----	----	----
CBC	----	----	----
THCA	87.41	437.05	874.10
Total Cannabinoids	98.89	494.45	988.90

Most Prevalent Terpenes	Results (% w/w)
Terpinolene	0.09
β -Caryophyllene	0.27
α -Humulene	0.14
cis-Nerolidol	0.16

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