

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 05/16/2023
Report Date: 05/30/2023
NELabs Report ID: 2390268-05

Product ID: SROC23-001

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	5,600	100,000	AOAC 990.12
Total Yeast & Mold Count	1,000	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	0.17
CBGA	0.91
CBG	0.44
CBD	----
THCV	----
CBN	0.22
Δ^9 THC	16.88
CBL	----
CBC	----
THCA	40.25
Total Cannabinoids	58.87 %
Total THC: 52.18 %	

Moisture	Results
Water Content (% w/w)	13.70
Water Activity (Aw)	0.41

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.18
Camphene	0.02
β -Myrcene	0.40
β -Pinene	0.15
3-Carene	0.02
α -Terpinene	0.01
Limonene	0.70
Ocimene	1.22
p-Cymene	----
γ -Terpinene	0.04
Terpinolene	0.49
Linalool	0.25
(-)-Isopulegol	0.01
Geraniol	0.01
β -Caryophyllene	0.59
α -Humulene	0.28
cis-Nerolidol	0.04
trans-Nerolidol	----
Guaiol	0.09
α -Bisabolol	----
Total Terpenes: 4.50 %	



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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		

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 05/16/2023.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
05/30/2023	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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PJLA Testing ISO/IEC 17025:2017 Accreditation #: 99258



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Cannabinoids	% w/w	mg per 1.5 grams	mg per 2.0 grams
CBDV	----	----	----
CBDA	0.17	2.55	3.40
CBGA	0.91	13.65	18.20
CBG	0.44	6.60	8.80
CBD	----	----	----
THCV	----	----	----
CBN	0.22	3.30	4.40
Δ^9 THC	16.88	253.20	337.60
CBL	----	----	----
CBC	----	----	----
THCA	40.25	603.75	805.00
Total Cannabinoids	58.87	883.05	1,177.40

Most Prevalent Terpenes	Results (% w/w)
Limonene	0.70
Ocimene	1.22
Terpinolene	0.49
β -Caryophyllene	0.59

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