

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 09/19/2023
Report Date: 09/27/2023
NELabs Report ID: 2391367-05

Product ID: SXPR23-006

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	4,200	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	0.24
CBG	0.33
CBD	---
THCV	<LOQ
CBN	0.44
Δ^9 THC	19.23
CBL	----
CBC	----
THCA	29.95
Total Cannabinoids	50.46 %
Total THC: 45.50 %	

Moisture	Results
Water Content (% w/w)	9.5
Water Activity (Aw)	0.41

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.02
Camphene	----
β -Myrcene	0.04
β -Pinene	0.02
3-Carene	----
α -Terpinene	----
Limonene	0.05
Ocimene	----
p-Cymene	----
γ -Terpinene	----
Terpinolene	0.02
Linalool	0.04
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	----
α -Humulene	0.07
cis-Nerolidol	----
trans-Nerolidol	----
Guaiol	0.08
α -Bisabolol	----
Total Terpenes: 0.34 %	



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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 09/19/2023.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
	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 0.65 grams
CBDV	----	----
CBDA	0.27	1.76
CBGA	0.24	1.56
CBG	0.33	2.15
CBD	----	----
THCV	<LOQ	<1
CBN	0.44	2.86
Δ^9 THC	19.23	125.00
CBL	----	----
CBC	----	----
THCA	29.95	194.68

Most Prevalent Terpenes	Results (% w/w)
Guaiol	0.08
α -Humulene	0.07
Limonene	0.05
β -Myrcene	0.04

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 09/19/2023.

