

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 01/30/2024
Report Date: 02/08/2024
NELabs Report ID: 2492527-07

Product ID: SXPR24-003

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	3,900	100,000	AOAC 990.12
Total Yeast & Mold Count	3,100	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	<LOQ
CBGA	0.82
CBG	0.53
CBD	----
THCV	<LOQ
CBN	<LOQ
Δ^9 THC	16.56
CBL	----
CBC	----
THCA	26.08
Total Cannabinoids	43.99 %
Total THC: 39.43 %	

Moisture	Results
Water Content (% w/w)	7.2
Water Activity (Aw)	0.26

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.02
Camphene	----
β -Myrcene	0.12
β -Pinene	0.02
3-Carene	----
α -Terpinene	----
Limonene	0.07
Ocimene	0.01
p-Cymene	----
γ -Terpinene	----
Terpinolene	0.03
Linalool	0.07
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	0.11
α -Humulene	0.01
cis-Nerolidol	0.09
trans-Nerolidol	----
Guaiol	----
α -Bisabolol	----
Total Terpenes: 0.55 %	



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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 01/30/2024.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
02/08/24	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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Cannabinoids	% w/w	mg per 0.65 grams	mg per 1.00 grams
CBDV	----	----	----
CBDA	<LOQ	<1.0	<1.0
CBGA	0.82	5.33	8.20
CBG	0.53	3.45	5.30
CBD	----	----	----
THCV	<LOQ	<1.0	<1.0
CBN	<LOQ	<1.0	<1.0
Δ^9 THC	16.56	107.64	165.60
CBL	----	----	----
CBC	----	----	----
THCA	26.08	169.52	260.80

Most Prevalent Terpenes	Results (% w/w)
β -Caryophyllene	0.11
β -Myrcene	0.12
cis-Nerolidol	0.09
Linalool	0.07

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