

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 08/24/2023
Report Date: 09/01/2023
NELabs Report ID: 2391134-02

Product ID: HXPR23-016

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	<100	100,000	AOAC 990.12
Total Yeast & Mold Count	750	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	0.63
CBG	0.66
CBD	----
THCV	0.14
CBN	0.95
Δ^9 THC	25.24
CBL	----
CBC	----
THCA	19.39
Total Cannabinoids	47.01 %
Total THC: 42.25 %	

Moisture	Results
Water Content (% w/w)	9.00
Water Activity (Aw)	0.52

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.01
Camphene	----
β -Myrcene	0.04
β -Pinene	0.02
3-Carene	----
α -Terpinene	----
Limonene	0.03
Ocimene	0.02
p-Cymene	----
γ -Terpinene	----
Terpinolene	0.04
Linalool	0.07
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	0.28
α -Humulene	0.10
cis-Nerolidol	0.03
trans-Nerolidol	----
Guaiol	----
α -Bisabolol	----
Total Terpenes: 0.64 %	



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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 08/24/2023.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
09/01/2023	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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Cannabinoids	% w/w	mg per 0.65 grams
CBDV	----	----
CBDA	----	----
CBGA	0.63	4.10
CBG	0.66	4.29
CBD	----	----
THCV	0.14	0.91
CBN	0.95	6.18
Δ^9 THC	25.24	164.06
CBL	----	----
CBC	----	----
THCA	19.39	126.04

Most Prevalent Terpenes	Results (% w/w)
β -Myrcene	0.04
Linalool	0.07
β -Caryophyllene	0.28
α -Humulene	0.10

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