

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 07/06/2023
Report Date: 07/17/2023
NELabs Report ID: 2390663-06

Product ID: HXPR23-004

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	3,200	100,000	AOAC 990.12
Total Yeast & Mold Count	1,300	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	1.00
CBG	0.65
CBD	----
THCV	----
CBN	----
Δ^9 THC	25.25
CBL	----
CBC	----
THCA	20.73
Total Cannabinoids	47.63 %
Total THC: 43.43 %	

Moisture	Results
Water Content (% w/w)	12.90
Water Activity (Aw)	0.62

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.01
Camphene	----
β -Myrcene	0.02
β -Pinene	0.02
3-Carene	----
α -Terpinene	----
Limonene	0.12
Ocimene	----
p-Cymene	----
γ -Terpinene	----
Terpinolene	----
Linalool	0.15
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	0.55
α -Humulene	0.15
cis-Nerolidol	----
trans-Nerolidol	----
Guaiol	----
α -Bisabolol	0.02
Total Terpenes: 1.04 %	



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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 07/06/2023.
CoC received 07/06/2023 states Product ID as HXPR-004; ID changed to HXPR23-004
at the request of the client.
CoA issued 07/14/2023; re-issued with updated Product ID at the request of the client.

Date:	Reviewed by: 	Released by: 
	Garrett Johnson, 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
CBDV	----	----
CBDA	----	----
CBGA	1.00	6.50
CBG	0.65	4.23
CBD	----	----
THCV	----	----
CBN	----	----
Δ^9 THC	25.25	164.13
CBL	----	----
CBC	----	----
THCA	20.73	134.75
Total Cannabinoids	47.63	309.60

Most Prevalent Terpenes	Results (% w/w)
Limonene	0.12
Linalool	0.15
β -Caryophyllene	0.55
α -Humulene	0.15

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