

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 11/14/2023
Report Date: 11/22/2023
NELabs Report ID: 2391905-01

Product ID: IXPR23-010

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	<100	100,000	AOAC 990.12
Total Yeast & Mold Count	250	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	1.16
CBG	0.46
CBD	----
THCV	<LOQ
CBN	0.60
Δ^9 THC	14.45
CBL	----
CBC	----
THCA	33.45
Total Cannabinoids	50.12 %
Total THC: 43.79 %	

Moisture	Results
Water Content (% w/w)	9.0
Water Activity (Aw)	0.38

Terpenes by GC-MS	Results (% w/w)
α -Pinene	----
Camphene	----
β -Myrcene	0.01
β -Pinene	----
3-Carene	----
α -Terpinene	----
Limonene	0.01
Ocimene	----
p-Cymene	----
γ -Terpinene	----
Terpinolene	----
Linalool	0.05
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	0.17
α -Humulene	0.06
cis-Nerolidol	----
trans-Nerolidol	----
Guaiol	0.01
α -Bisabolol	----
Total Terpenes: 0.31 %	



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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 11/14/2023.

Date:	Reviewed by: 	Released by: 
11/22/23	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	mg per 1.3 grams
CBDV	----	----	----
CBDA	<LOQ	<1.0	<1.0
CBGA	1.16		
CBG	0.46	2.99	5.98
CBD	----	----	----
THCV	<LOQ	<1.0	<1.0
CBN	0.60	3.90	7.80
Δ^9 THC	14.45	93.93	187.85
CBL	----	----	----
CBC	----	----	----
THCA	33.45	217.43	434.85

Most Prevalent Terpenes	Results (% w/w)
β -Caryophyllene	0.17
α -Humulene	0.06
Linalool	0.05
β -Myrcene	0.01

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