

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 12/22/2023
Report Date: 01/02/2024
NELabs Report ID: 2392245-01

Product ID: IXPR23-009

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	<100	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	<LOQ
CBGA	0.64
CBG	0.39
CBD	----
THCV	----
CBN	0.41
Δ^9 THC	16.49
CBL	----
CBC	----
THCA	24.67
Total Cannabinoids	42.60 %
Total THC: 38.13 %	

Moisture	Results
Water Content (% w/w)	5.2
Water Activity (Aw)	0.32

Terpenes by GC-MS	Results (% w/w)
α -Pinene	----
Camphene	----
β -Myrcene	0.02
β -Pinene	----
3-Carene	----
α -Terpinene	----
Limonene	0.02
Ocimene	----
p-Cymene	----
γ -Terpinene	----
Terpinolene	----
Linalool	0.03
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	0.18
α -Humulene	0.05
cis-Nerolidol	----
trans-Nerolidol	----
Guaiol	----
α -Bisabolol	----
Total Terpenes: 0.30 %	



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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 ($\mu g/kg$)	Limits ($\mu g/kg$)
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 12/22/2023.

Date:	Reviewed by: 	Released by: 
01/02/24	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 ISO/ILAC-IAF Communiqué dated April 2017).



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PJLA Testing ISO/IEC 17025:2017 Accreditation #: 99258



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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	0.64	4.16	8.32
CBG	0.39	2.54	5.07
CBD	----	----	----
THCV	----	----	----
CBN	0.41	2.67	5.33
Δ^9 THC	16.49	107.19	214.37
CBL	----	----	----
CBC	----	----	----
THCA	24.67	160.36	320.71

Most Prevalent Terpenes	Results (% w/w)
β -Caryophyllene	0.18
α -Humulene	0.05
Linalool	0.03
β -Myrcene	0.02

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