

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 06/15/2023
Report Date: 07/24/2023
NELabs Report ID: 2390494-06

Product ID: IROC23-003

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	5,500	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	----
CBGA	0.34
CBG	1.24
CBD	0.65
THCV	0.97
CBN	0.09
Δ^9 THC	38.61
CBL	----
CBC	----
THCA	12.21
Total Cannabinoids	54.11 %
Total THC: 49.32 %	

Moisture	Results
Water Content (% w/w)	9.00
Water Activity (Aw)	0.61

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.01
Camphene	----
β -Myrcene	0.05
β -Pinene	0.01
3-Carene	----
α -Terpinene	----
Limonene	0.03
Ocimene	0.01
p-Cymene	----
γ -Terpinene	----
Terpinolene	----
Linalool	0.01
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	0.09
α -Humulene	0.03
cis-Nerolidol	0.01
trans-Nerolidol	----
Guaiol	----
α -Bisabolol	----
Total Terpenes: 0.25%	



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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 06/15/2023.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
07/24/2023	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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PJLA Testing ISO/IEC 17025:2017 Accreditation #: 99258



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Cannabinoids	% w/w	mg per 1.5 grams	mg per 2.0 grams
CBDV	----	----	----
CBDA	----	----	----
CBGA	0.34	5.10	6.80
CBG	1.24	18.60	24.80
CBD	0.65	9.75	13.00
THCV	0.97	14.55	19.40
CBN	0.09	1.35	1.80
Δ^9 THC	38.61	579.15	772.20
CBL	----	----	----
CBC	----	----	----
THCA	12.21	183.15	244.20
Total Cannabinoids	54.11	811.65	1,082.20

Most Prevalent Terpenes	Results (% w/w)
β -Myrcene	0.05
Limonene	0.03
β -Caryophyllene	0.09
α -Humulene	0.03

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