

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 07/16/2024
Report Date: 07/26/2024
NELabs Report ID: 2494073-14

Product ID: MAC-24-F7H3

Biotrack ID: 5556 5102 0901 6894

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	6,300	100,000	AOAC 990.12
Total Yeast & Mold Count	1,700	100,000	AOAC 2014.05
<i>Aspergillus</i> (flavus, fumigatus, terreus, niger)	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	qPCR
Pass/Fail: PASS			

Cannabinoids by HPLC	Results (% w/w)
CBDV	----
CBDA	<LOQ
CBGA	0.64
CBG	<LOQ
CBD	----
THCV	----
CBN	----
Δ^9 THC	0.44
Δ^8 THC	----
CBL	----
THCA	26.09
CBC	----
Total Cannabinoids: 27.17 %	
Total THC (0.877*THCA)+THC 23.32 %	

^a: percentages calculated on dry weight basis

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.13
β -Myrcene	0.11
β -Pinene	0.09
Limonene	0.34
α -Terpinolene	----
Linalool	0.06
β -Caryophyllene	0.13
α -Humulene	0.04
Caryophyllene Oxide	----
α -Bisabolol	----
Total Terpenes: 0.90 %	

^a: percentages calculated on dry weight basis

Moisture	Results
Water Content (% w/w)	12.9
Water Activity (Aw)	0.59



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Pesticides by LC-MS/MS	Results	Limits
Per Sample $\geq 0.5g$	Below Action Limits	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		

Heavy Metals by ICP-MS	Results	Limits
As, Cd, Pb, Hg	Below Action Limits	Below Action Levels
Pass/Fail: PASS		

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 07/16/2024.

Date:	Reviewed by:	Released by:
07/26/2024	Jaina Haberern, QA/QC	Zachary Cannone, Laboratory Director

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. 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).

*Not all results and/or analytes reported are obtained from ISO accredited testing methods.
Please refer to our ISO certificate for a full list of testing under our scope of accreditation.*



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PJLA Testing ISO/IEC 17025:2017 Accreditation #: 99258
State of CT: ACTL.0000004

