

Theraplant LLC
856 Echo Lake Rd
Watertown, CT 06795

Date Received: 3/20/2025
Report Date: 3/26/2025
NELabs Report ID: 2596661-05

all:hours Muel Fuel 4842

Biotrack ID: all:hours Mule Fuel 4842

4368 0157 3963 6288

Microbiology	Results	Limits	Methods
Total Aerobic Microbial Count (cfu/g)	100	100,000	AOAC 990.12
Total Yeast & Mold Count (cfu/g)	250	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	AOAC PTM#071903
Pass/Fail	Pass		

By HPLC

By GC - MS

Cannabinoids	Results (% w/w)*	Dosing (mg/package)
CBDV		
CBDA	<LOQ	<1.0
CBGA	0.14	4.1
CBG	<LOQ	<1.0
CBD		
THCV		
CBN		
Δ^9 THC	1.26	37.2
Δ^8 THC		
CBL	<LOQ	<1.0
THCA	33.41	985.8
CBC		
Total Cannabinoids	34.81	1027.1
Total THC % (0.877*THCA)+THC	30.56	

Terpenes	Results (% w/w)*
α -Pinene	0.21
β -Myrcene	1.26
β -Pinene	0.11
Limonene	0.17
α -Terpinolene	0.01
Linalool	0.01
β -Caryophyllene	0.33
α -Humulene	0.10
Caryophyllene Oxide	
α -Bisabolol	0.09
Total Terpenes	2.29

* % by dry weight

Moisture

Results

Water Content (% w/w)	13.0
Water Activity (Aw)	0.60



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

State of CT: ACTL.0000004



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Pesticides	Results	Limits	Methods
Per Sample ≥ 0.5 g	Below Action Limits	Below Action Limits	LC & GC - MS/MS
Pass/Fail	Pass		

Mycotoxins	Results (µg/kg)	Limits (µg/kg)	Methods
Aflatoxins (B1, B2, G1, G2)	Below Action Limits	< 20 each	LC - MS/MS
Ochratoxin-A	Below Action Limits	< 20	
Pass/Fail	Pass		

Heavy Metals	Results	Limits	Methods
As, Cd, Pb, Hg, Cr	Below Action Limits	Below Action Limits	ICP - MS
Pass/Fail	Pass		

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 3/20/2025

DATE	Reviewed by	Released by
3/26/2025		
	Garrett Johnson, QA/QC	Zackary 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 ISOILAC-IAF Communiqué dated April 2017).
Not all results and/or analytes reported are obtained for 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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