

Theraplant LLC
856 Echo Lake Rd.
Watertown, CT 06795

Date Received: 12/24/2024
Report Date: 1/3/2025
NELabs Report ID: 2495821-06

all:hours Mule Fuel part:timers 4694

Biotrack ID: all:hours Mule Fuel Smalls

7338 5188 6274 3818

Microbiology	Results	Limits	Methods
Total Aerobic Microbial Count (cfu/g)	<100	100,000	AOAC 990.12
Total Yeast & Mold Count (cfu/g)	<100	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		

By HPLC	
Cannabinoids	Results (% w/w)*
CBDV	
CBDA	<LOQ
CBGA	0.34
CBG	<LOQ
CBD	
THCV	
CBN	
Δ^9 THC	1.76
Δ^8 THC	
CBL	<LOQ
THCA	32.67
CBC	
Total Cannabinoids	34.77
Total THC % $(0.877 \times \text{THCA}) + \text{THC}$	30.41

By GC - MS	
Terpenes	Results (% w/w)*
α -Pinene	0.15
β -Myrcene	1.20
β -Pinene	0.10
Limonene	0.22
α -Terpinolene	
Linalool	
β -Caryophyllene	0.10
α -Humulene	0.03
Caryophyllene Oxide	
α -Bisabolol	
Total Terpenes	1.80

* % by dry weight

Moisture	Results
Water Content (% w/w)	13.0
Water Activity (Aw)	0.42



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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 12/24/2024

DATE	Reviewed by	Released by
1/3/2025	 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.



30 Cold Spring Rd. Rocky Hill, CT 06067 • www.nelabsct.com • 860-828-9787

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

State of CT: ACTL.0000004





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