

Theraplant LLC
856 Echo Lake Rd
Watertown, CT 06795

Date Received: 11/26/2024
Report Date: 12/4/2024
NELabs Report ID: 2495517-05

all:hours Mule Fuel 4519

Biotrack ID: all:hours Mule Fuel 4519

2111 4139 8326 1314

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

By GC - MS

Cannabinoids	Results (% w/w)*
CBDV	
CBDA	<LOQ
CBGA	0.69
CBG	<LOQ
CBD	
THCV	
CBN	
Δ^9 THC	1.09
Δ^8 THC	
CBL	
THCA	33.77
CBC	
Total Cannabinoids	35.55
Total THC % (0.877*THCA)+THC	30.71

Terpenes	Results (% w/w)*
α -Pinene	0.27
β -Myrcene	1.98
β -Pinene	0.18
Limonene	0.41
α -Terpinolene	
Linalool	
β -Caryophyllene	0.21
α -Humulene	0.06
Caryophyllene Oxide	
α -Bisabolol	
Total Terpenes	3.11

* % by dry weight

Moisture

Results

Water Content (% w/w)	14.0
Water Activity (Aw)	0.47



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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 11/26/2024

DATE	Reviewed by	Released by
12/4/2024		
	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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