

Theraplant LLC
856 Echo Lake Rd.
Watertown, CT 06795

Date Received: 9/12/2025
Report Date: 9/18/2025
NELabs Report ID: 2598855-06

all:hours Mule Fuel 41205

Biotrack ID: all:hours Mule Fuel 41205

3295 0328 9749 9589

Microbiology	Results	Limits	Methods
Total Aerobic Microbial Count (cfu/g)	300	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	AOAC PTM#071903
Pass/Fail	Pass		

Cannabinoids	By HPLC	
	Results (% w/w)*	Dosing (mg/package)
CBDV	-	-
CBDA	<LOQ	<LOQ
CBGA	0.36	10.9
CBG	<LOQ	<LOQ
CBD	-	-
THCV	-	-
CBN	-	-
Δ^9 THC	2.23	67.4
Δ^8 THC	-	-
CBL	-	-
THCA	31.46	950.2
CBC	-	-
Total Cannabinoids	34.05	1028.5
Total THC % <small>(0.877*THCA)+THC</small>	29.82	

Terpenes	By GC - MS
	Results (% w/w)*
α -Pinene	0.24
Camphene	0.02
β -Myrcene	1.15
β -Pinene	0.14
δ -3-Carene	-
Limonene	0.33
p-Cymene	-
α -Terpinolene	-
Linalool	-
Caryophyllene	0.33
α -Humulene	0.12
α -Bisabolol	-
Terpinene (total)	-
Ocimene (total)	0.05
Nerolidol (total)	-
Total Terpenes	2.38

* % by dry weight

Moisture	Results
Water Content (% w/w)	13.7
Water Activity (Aw)	0.64



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

Mycotoxins	Results ($\mu\text{g}/\text{kg}$)	Limits ($\mu\text{g}/\text{kg}$)	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 9/12/2025

DATE 9/18/2025	Reviewed by <i>Selena Anderson</i> Selena Anderson, QA/QC	Released by <i>Zachary Cannone</i> Zachary Cannone, Laboratory Director
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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 for ISO accredited testing methods. Please refer to our ISO certificate for a full list of testing under our scope of accreditation.

