BADGER LABS

CERTIFICATE OF ANALYSIS

BADGER LABS
3426 E. Maria Drive
Stevens Point, WI 54481
(715) 544-4900

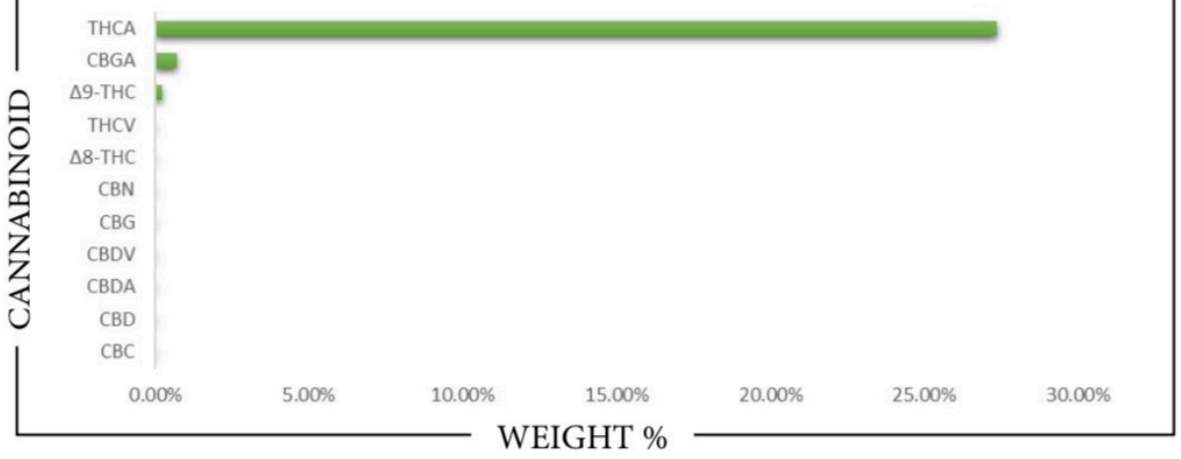
REPORT PREPARED FOR:

PROJECT# 26002433
LAB ID 56006291
RECEIVED DATE 1/9/2026
REPORT DATE 1/30/2026

SAMPLE NAME: Mule Fuel

THCA	TOTAL CBD	TOTAL CANNABINOIDS
27.356 %	ND	28.295 %

CANNABINOID PROFILE



CANNABINOID	WEIGHT %	MG/G
CBC	ND	ND
CBD	ND	ND
CBDA	ND	ND
CBDV	ND	ND
CBG	ND	ND
CBGA	0.7010	7.010
CBN	ND	ND
Δ8-THC	ND	ND
Δ9-THC	0.2379	2.379
THCA	27.356	273.56
THCV	ND	ND
Total CBD	ND	ND
Total CBG	0.6148	6.148
Total THC	24.229	242.29

Analysis Method: TP-POT-05
By HPLC-VWD
Total THC = (0.877 x THCA) + Δ9-THC
Total CBD = (0.877 x CBDA) + CBD
Total CBG = (0.877 x CBGA) + CBG
ND = Not Detected

Prepared By: HM
Prep Date: 1/9/2026
Batch ID: JAN0926A-POT

Analyzed By: HM
Analysis Date: 1/9/2026

PJLA Testing
Accreditation# 115522

APPROVED BY:
JUSTIN HALL
LAB DIRECTOR

SIGNATURE

1/30/2026
SIGNED ON

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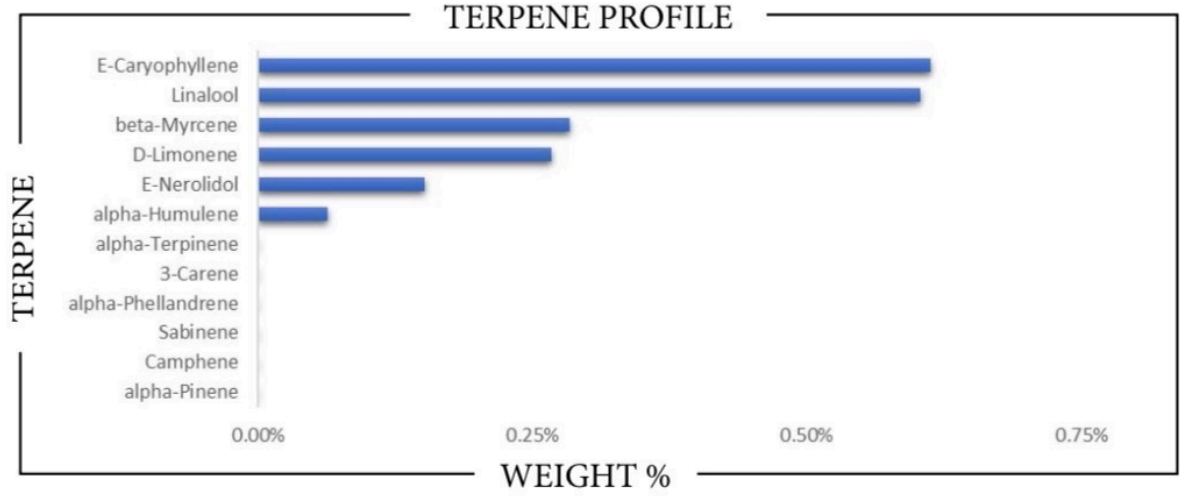
TERPENES



TERPENE	WEIGHT %	TERPENE	WEIGHT %	TERPENE	WEIGHT %
alpha-Bisabolol	ND	Caryophyllene oxide	ND	Limonene	0.267
alpha-Cedrene	ND	Cedrol	ND	Linalool	0.603
alpha-Humulene	0.063	Eucalyptol	ND	Nerol	ND
alpha-Phellandrene	ND	Farnesene	ND	Nerolidol	0.151
alpha-Pinene	ND	Fenchone	ND	Ocimene	ND
alpha-Terpinene	ND	Fenchyl Alcohol	ND	Pulegone	ND
beta-Caryophyllene	0.612	gamma-Terpinene	ND	Sabinene	ND
beta-Myrcene	0.284	Geraniol	ND	Sabinene hydrate	ND
beta-Pinene	ND	Geranyl acetate	ND	Terpineol	ND
Borneol	ND	Guaiol	ND	Terpinolene	ND
Camphene	ND	Hexahydrothymol	ND	Valencene	ND
Camphor	ND	Isoborneol	ND		
3-Carene	ND	Isopulegol	ND		

Prepared By: RF Analyzed By: RF
Prepared Date: 1/22/2026 Analyzed Date: 1/22/2026
Analysis Batch: JAN2226A-TER
Analyzed by method TP-TER-01 by HS-GCMS
ND = Analyte not detected
PPB = Parts per billion

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PESTICIDES — PASS

PESTICIDE	ACTION LEVEL (PPB)	SAMPLE LEVEL (PPB)	PESTICIDE	ACTION LEVEL (PPB)	SAMPLE LEVEL (PPB)
Acephate	100	ND	Imidacloprid	5000	ND
Acequinocyl	100	ND	Kresoxim methyl	100	ND
Acetamiprid	100	ND	Malathion	500	ND
Aldicarb	LOD	ND	Metalaxyl	100	ND
Avermectin B1a[1]	100	ND	Methiocarb	LOD	ND
Avermectin B1b[1]	100	ND	Methomyl	1000	ND
Azoxystrobin	100	ND	Methyl-Parathion	LOD	ND
Bifenazate	100	ND	Mevinphos	LOD	ND
Bifenthrin	3000	ND	Myclobutanil	100	ND
Boscalid	100	ND	Oxamyl	500	ND
Captan	100	ND	Paclobutrazol	LOD	ND
Carbaryl	500	ND	Pentachloronitrobenzene	LOD	ND
Carbofuran	LOD	ND	Permethrin I	500	ND
Chlorantraniliprole	10000	ND	Phosmet	100	ND
Chlordane	100	ND	Piperonyl butoxide	3000	ND
Chlorfenapyr	LOD	ND	Prallethrin	100	ND
Chloromequat chloride	LOD	ND	Propicanozole	100	ND
Chlorpyrifos	LOD	ND	Propoxur	LOD	ND
Clofentezine	100	ND	Pyrethrin I	500	ND
Coumaphos	LOD	ND	Pyrethrin II	500	ND
Cyfluthrin	2000	ND	Pyridaben	100	ND
Cypermethrin	1000	ND	Spinetoram J	100	ND
Daminozide	LOD	ND	Spinetoram L	100	ND
Diazinon	100	ND	Spinosyn A[2]	100	ND
Dibrom (Naled)	100	ND	Spinosyn D[2]	100	ND
Dichlorvos	LOD	ND	Spiromesifen	100	ND
Dimethoate	LOD	ND	Spirotetramat	100	ND
Dimethomorph I	2000	ND	Spiroxamine	LOD	ND
Dimethomorph II	2000	ND	Tebuconazole	100	ND
Ethoprophos	LOD	ND	Thiacloprid	LOD	ND
Etofenprox	LOD	ND	Thiamethoxam	5000	ND
Etoxazole	100	ND	Trifloxystrobin	100	ND
Fenhexamid	100	ND			
Fenoxycarb	LOD	ND			
Fenpyroximate	100	ND			
Fipronil	LOD	ND			
Flonicamid	100	ND			
Fludixonil	100	ND			
Hexythiazox	100	ND			
Imazalil	LOD	ND			

Prepared By: HM Analyzed By: HM
Prepared Date: 1/23/2026 Analyzed Date: 1/23/2026
Analysis Batch: JAN2326A-PES

Analyzed by method TP-PES-01 on HPLC/MS/MS or GC/MS
ND = Analyte not detected
PPB = Parts per billion
[1]Abamectin is a mixture of Avermectin B1a and Avermectin B1b
[2]Spinosad is a mixture of isomers Spinosyn A and Spinosyn D

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SAMPLE NAME: Mule Fuel

RESIDUAL SOLVENTS — PASS

CATEGORY I	PPM	CATEGORY II	PPM
Ethylene Oxide	ND	Propane	ND
Methylene Chloride	ND	Butane/Isobutane	ND
Benzene	ND	Pentane	ND
1,2-Dichloroethane	ND	Acetone	ND
Chloroform	ND	Acetonitrile	ND
Trichloroethylene	ND	Hexane	ND
		Ethyl Acetate	ND
		Heptane	ND
		Methanol	ND
		Diethyl Ether	ND
		Ethanol	ND
		Isopropanol	ND
		Toluene	ND
		m+p Xylene	ND
		o-Xylene	ND

Prepared By: RF
Date Prepared: 1/27/2026
Analyzed By: RF
Analysis Date: 1/27/2026
Analysis Batch: JAN2726A-SOL

Analysis method: TP-SOL-01 by HS-GC/MS
No Category I solvent may be present to pass
ND = Not detected
PPM = Parts per million

METALS — PASS

METALS FDA - CATEGORY I	ACTION LEVEL (PPM)	SAMPLE LEVEL (PPM)
Arsenic (As)	1.5	ND
Cadmium (Cd)	0.5	ND
Lead (Pb)	0.5	ND
Mercury (Hg)	3.0	ND

Prepared By: HB
Date Prepared: 1/27/2026
Analyzed By: HB
Analysis Date 1/27/2026

Analyzed by EPA method 6020A via ICP-OES or ICP-MS
ND = Not detected
PPM = Parts per million

APPROVED BY:
JUSTIN HALL
LAB DIRECTOR

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MYCOTOXINS — PASS

MYCOTOXIN	ACTION LEVEL (PPB)	SAMPLE LEVEL (PPB)
Aflatoxin B1		ND
Aflatoxin B2	Sum of all alflatoxins	ND
Aflatoxin G1	not to exceed 20 PPB	ND
Aflatoxin G2		ND
Ochratoxin	20	ND

Prepared By: HM
Date Prepared: 1/23/2026
Analyzed By: HM
Analysis Date 1/23/2026
Analysis Batch: JAN2326A-MYC

Analyzed by TP-MYC-01 on HPLC/MS/MS
ND = Not detected
PPB = Parts per billion

MICROBIALS — PASS

	ACTION LEVEL (CFU/G)	SAMPLE LEVEL (CFU/G)
Total Coliform		1300
E. Coli	Presence	ND
Yeast & Mold		1400
Enterobacteriaceae		ND
Salmonella	Presence	ND
Total Count		200

Prepared By: PS
Date Prepared: 1/27/2026
Analyzed By: PS
Analysis Date 1/29/2026

Analyzed by COMPACTDRY method.
ND = Not detected
CFU/G = Colony forming uniits per gram

APPROVED BY:		
JUSTIN HALL	J. Hall	1/30/2026
LAB DIRECTOR	SIGNATURE	SIGNED ON

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