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1 of 6

#### Mule Fuel.B7B8B.42.2024.

Sample ID: 2410APO4600.21064 Strain: Mule Fuel

Matrix: Plant Type: Flower - Cured Source Batch #:

Produced:

Collected: 10/22/2024 12:15 pm Received: 10/22/2024 Completed: 12/17/2024

Batch #: Mule Fuel.B7B8B.42.2024.

Harvest Date: 10/15/2024

Client

The Pharm / Sunday Goods Lic. # 00000099ESVM28064808

Production/Manufacture Date: Production/Manufacture Method:



Summary

Test Date Tested Result Batch Pass Cannabinoids 10/23/2024 Complete Terpenes 10/25/2024 Complete Microbials 10/28/2024 **Pass** Pesticides 10/23/2024 **Pass** Heavy Metals 10/23/2024 Pass

Cannabinoids by SOP-6

Complete

30.9077%

Total THC

ND

Total CBD

35.7457%

Total Cannabinoids (Q3)

2.4086%

**Total Terpenes** 

Analyte	LOD	LOQ	Result	Result	
•	%	%	%	mg/g	
THCa		0.1000	34.9624	349.624	
Δ9-THC		0.1000	0.2457	2.457	
Δ8-THC		0.1000	ND	ND	
THCV		0.1000	ND	ND	
CBDa		0.1000	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBD		0.1000	ND	ND	
CBDVa		0.1000	ND	ND	
CBDV		0.1000	ND	ND	
CBN		0.1000	ND	ND	
CBGa		0.1000	0.5376	5.376	
CBG		0.1000	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBC		0.1000	ND	ND	
Total THC			30.9077	309.0770	
Total CBD			ND	ND	
Total			35.7457	357.457	

Date Tested: 10/23/2024 07:00 am



Anthony Settanni Lab Director

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2 of 6

#### Mule Fuel.B7B8B.42.2024.

Sample ID: 2410APO4600.21064 Strain: Mule Fuel

Matrix: Plant Type: Flower - Cured Source Batch #:

Produced:

Collected: 10/22/2024 12:15 pm Received: 10/22/2024 Completed: 12/17/2024

Batch #: Mule Fuel.B7B8B.42.2024.

Harvest Date: 10/15/2024

Client

The Pharm / Sunday Goods Lic. # 00000099ESVM28064808

Lot #:

Production/Manufacture Date: Production/Manufacture Method:

#### Pesticides by SOP-22

**Pass** 

Analyte	LOQ	Limit	Result	Q	Status	Analyte	LOQ	Limit	Result	Q	Status
	PPM	PPM	PPM				PPM	PPM	PPM		
Abamectin	0.2500	0.5000	ND		Pass	Hexythiazox	0.5000	1.0000	ND		Pass
Acephate	0.2000	0.4000	ND	V1	Pass	lmazalil	0.1000	0.2000	ND		Pass
Acetamiprid	0.1000	0.2000	ND		Pass	Imidacloprid	0.2000	0.4000	ND		Pass
Aldicarb	0.2000	0.4000	ND		Pass	Kresoxim Methyl	0.2000	0.4000	ND		Pass
Azoxystrobin	0.1000	0.2000	ND		Pass	Malathion	0.1000	0.2000	ND		Pass
Bifenazate	0.1000	0.2000	ND		Pass	Metalaxyl	0.1000	0.2000	ND		Pass
Bifenthrin	0.1000	0.2000	ND		Pass	Methiocarb	0.1000	0.2000	ND		Pass
Boscalid	0.2000	0.4000	ND		Pass	Methomyl	0.2000	0.4000	ND		Pass
Carbaryl	0.1000	0.2000	ND		Pass	Myclobutanil	0.1000	0.2000	ND		Pass
Carbofuran	0.1000	0.2000	ND		Pass	Naled	0.2500	0.5000	ND	V1	Pass
Chlorantraniliprole	0.1000	0.2000	ND		Pass	Oxamyl	0.5000	1.0000	ND		Pass
Chlorfenapyr	0.5000	1.0000	ND	V1L1	Pass	Paclobutrazol	0.2000	0.4000	ND		Pass
Chlorpyrifos	0.1000	0.2000	ND		Pass	Permethrins	0.1000	0.2000	ND		Pass
Clofentezine	0.1000	0.2000	ND		Pass	Phosmet	0.1000	0.2000	ND		Pass
Cyfluthrin	0.5000	1.0000	ND		Pass	Piperonyl	1.0000	2.0000	ND		Pass
Cypermethrin	0.5000	1.0000	ND		Pass	Butoxide					
Daminozide	0.5000	1.0000	ND		Pass	Prallethrin	0.1000	0.2000	ND		Pass
Diazinon	0.1000	0.2000	ND		Pass	Propiconazole	0.2000	0.4000	ND		Pass
Dichlorvos	0.0500	0.1000	ND	V1	Pass	Propoxur	0.1000	0.2000	ND		Pass
Dimethoate	0.1000	0.2000	ND		Pass	Pyrethrins	0.5000	1.0000	ND		Pass
Ethoprophos	0.1000	0.2000	ND		Pass	Pyridaben	0.1000	0.2000	ND		Pass
Etofenprox	0.2000	0.4000	ND		Pass	Spinosad	0.1000	0.2000	ND		Pass
Etoxazole	0.1000	0.2000	ND		Pass	Spiromesifen	0.1000	0.2000	ND		Pass
Fenoxycarb	0.1000	0.2000	ND		Pass	Spirotetramat	0.1000	0.2000	ND		Pass
Fenpyroximate	0.2000	0.4000	ND	I1	Pass	Spiroxamine	0.2000	0.4000	ND		Pass
Fipronil	0.2000	0.4000	ND		Pass	Tebuconazole	0.2000	0.4000	ND		Pass
Flonicamid	0.5000	1.0000	ND	V1	Pass	Thiacloprid	0.1000	0.2000	ND		Pass
Fludioxonil	0.2000	0.4000	ND	V1L1	Pass	Thiamethoxam	0.1000	0.2000	ND		Pass
						Trifloxystrobin	0.1000	0.2000	ND		Pass

Date Tested: 10/23/2024 07:00 am



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3 of 6

#### Mule Fuel.B7B8B.42.2024.

Sample ID: 2410APO4600.21064 Strain: Mule Fuel

Matrix: Plant Type: Flower - Cured Source Batch #:

Produced:

Collected: 10/22/2024 12:15 pm Received: 10/22/2024 Completed: 12/17/2024

Batch #: Mule Fuel.B7B8B.42.2024.

Harvest Date: 10/15/2024

Client

The Pharm / Sunday Goods Lic. # 00000099ESVM28064808

Production/Manufacture Date: Production/Manufacture Method:

N. 41	D.
Microbials	Pass

Analyte	Limit	Result	Status	Q
Salmonella SPP by QPCR: SOP-15	Detected/Not Detected in 1g	ND	Pass	
Aspergillus Flavus Aspergillus Fumigatus or Aspergillus Niger by QPCR: SOP-14	Detected/Not Detected in 1g	ND	Pass	
Aspergillus Terreus by QPCR: SOP-14	Detected/Not Detected in 1g	ND	Pass	

Analyte	LOQ	Limit	Result	Status	Q
	CFU/g	CFU/g	CFU/g		<u>.</u>
E. Coli by traditional plating: SOP-13	10.0	100.0	< 10 CFU/g	Pass	

Date Tested: 10/28/2024 12:00 am

Mycotoxins by SOP-22 Not Tested

Limit Units Analyte LOD Status

Date Tested:

Heavy Metals by SOP-21

**Pass** 

Analyte	LOD	LOQ	Limit	Units	Status	Q
	PPM	PPM	PPM	PPM		
Arsenic	0.0660	0.1330	0.4000	ND	Pass	
Cadmium	0.0660	0.1330	0.4000	ND	Pass	
Lead	0.1660	0.3330	1.0000	ND	Pass	
Mercury	0.0330	0.0660	0.2000	ND	Pass	

Date Tested: 10/23/2024 07:00 am



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4 of 6

#### Mule Fuel.B7B8B.42.2024.

Sample ID: 2410APO4600.21064

Strain: Mule Fuel Matrix: Plant Type: Flower - Cured Source Batch #:

Produced:

Collected: 10/22/2024 12:15 pm Received: 10/22/2024 Completed: 12/17/2024

Batch #: Mule Fuel.B7B8B.42.2024.

Harvest Date: 10/15/2024

Client

The Pharm / Sunday Goods Lic. # 00000099ESVM28064808

Lot #:

Production/Manufacture Date: Production/Manufacture Method:

### **Terpenes**

Analyte	LOQ	Result	Result	Q	
	%	%	mg/g		
β-Myrcene	0.0010	0.9274	9.274	Q3	
α-Pinene	0.0010	0.3884	3.884	Q3	
D,L-Limonene	0.0010	0.3074	3.074	Q3	
β-Caryophyllene	0.0010	0.2645	2.645	Q3	
β-Pinene	0.0010	0.2101	2.101	Q3	
α-Humulene	0.0010	0.1013	1.013	Q3	
α-Bisabolol	0.0010	0.0451	0.451	Q3	
Endo-Fenchyl Alcohol	0.0010	0.0364	0.364	Q3	
α-Terpineol	0.0010	0.0329	0.329	Q3	
trans-Nerolidol	0.0010	0.0236	0.236	Q3	
Citronellol	0.0010	0.0173	0.173	Q3	
α-Cedrene	0.0010	0.0145	0.145	Q3	
Camphene	0.0010	0.0130	0.130	Q3	
Terpinolene	0.0010	0.0046	0.046	Q3	
Caryophyllene Oxide	0.0010	0.0038	0.038	Q3	
cis-beta-Ocimene	0.0010	0.0034	0.034	Q3	
Sabinene Hydrate	0.0010	0.0030	0.030	Q3	
Linalool	0.0010	0.0030	0.030	Q3	
Eucalyptol	0.0010	0.0026	0.026	Q3	
Terpinen-4-ol	0.0010	0.0025	0.025	Q3	
Fenchone	0.0010	0.0021	0.021	Q3	
cis-Nerolidol	0.0010	0.0018	0.018	Q3	
3-Carene	0.0010	ND	ND	Q3	
α-Phellandrene	0.0010	ND	ND	Q3	
α-Terpinene	0.0010	ND	ND	Q3	
α-Thujone	0.0010	ND	ND	Q3	
trans-β-Farnesene	0.0010	ND	ND	Q3	
D,L-Borneol	0.0010	ND	ND	Q3	
Camphor	0.0010	ND	ND	Q3	

Analyte	LOQ	Result	Result	Q	
	%	%	mg/g		
Carvacrol	0.0010	ND	ND	Q3	
Carvone	0.0010	ND	ND	Q3	
Cedrol	0.0010	ND	ND	Q3	
cis-Citral	0.0010	ND	ND	Q3	
cis-Farnesol	0.0010	ND	ND	Q3	
y-Terpinene	0.0010	ND	ND	Q3	
Geraniol	0.0010	ND	ND	Q3	
Geranyl Acetate	0.0010	ND	ND	Q3	
Guaiol	0.0010	ND	ND	Q3	
Isoborneol	0.0010	ND	ND	Q3	
Isobornyl Acetate	0.0010	ND	ND	Q3	
Isopulegol	0.0010	ND	ND	Q3	
m-Cymene	0.0010	ND	ND	Q3	
Menthol	0.0010	ND	ND	Q3	
L-Menthone	0.0010	ND	ND	Q3	
Nerol	0.0010	ND	ND	Q3	
Nootkatone	0.0010	ND	ND	Q3	
o,p-Cymene	0.0010	ND	ND	Q3	
Octyl Acetate	0.0010	ND	ND	Q3	
Phytane	0.0010	ND	ND	Q3	
Piperitone	0.0010	ND	ND	Q3	
Pulegone	0.0010	ND	ND	Q3	
Sabinene	0.0010	ND	ND	Q3	
Safranal	0.0010	ND	ND	Q3	
Thymol	0.0010	ND	ND	Q3	
trans-Citral	0.0010	ND	ND	Q3	
trans-beta-Ocimene	0.0010	ND	ND	Q3	
Valencene	0.0010	ND	ND	Q3	
Verbenone	0.0010	ND	ND	Q3	
Total		2.4086	24.086		

#### **Primary Aromas**















Date Tested: 10/25/2024 12:00 am Terpenes analysis is not regulated by AZDHS.



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Anthony Settanni Lab Director 12/17/2024

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### Mule Fuel.B7B8B.42.2024.

Sample ID: 2410APO4600.21064 Strain: Mule Fuel Matrix: Plant Type: Flower - Cured Source Batch #:

Produced:

Collected: 10/22/2024 12:15 pm Received: 10/22/2024 Completed: 12/17/2024 Batch #: Mule Fuel.B7B8B.42.2024.

Harvest Date: 10/15/2024

Client

The Pharm / Sunday Goods Lic. # 00000099ESVM28064808

Production/Manufacture Date: Production/Manufacture Method:

## **Qualifiers Definitions**

Qualifier Notation	Qualifier Description
l1	The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance criteria in subsection (L)(1) with respect to the reference spectra, indicating interference
L1	When testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, the percent recovery of a laboratory control sample is greater than the acceptance limits in subsection $(K)(2)(c)$ , but the sample's target analytes were not detected above the maximum allowable concentrations in Table 3.1 for the analytes in the sample
M1	The recovery from the matrix spike in subsection (K)(4) was: a. High, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria
M2	The recovery from the matrix spike in subsection (K)(4) was: b. Low, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria
М3	The recovery from the matrix spike in subsection (K)(4) was: c. Unusable because the analyte concentration was disproportionate to the spike level, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria
R1	The relative percent difference for the laboratory control sample and duplicate exceeded the limit in subsection $(K)(3)$ , but the recovery in subsection $(K)(2)$ was within acceptance criteria
V1	The recovery from continuing calibration verification standards exceeded the acceptance limits in subsection (J) (1)(b), but the sample's target analytes were not detected above the maximum allowable concentrations in Table 3.1 for the analytes in the sample
Q2	The sample is heterogeneous, and sample homogeneity could not be readily achieved using routine laboratory practices – Used to denote that the sample as-received could not be fully pre-homogenized in packaging prior to microbiology analysis
Q3	Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317

# **Customer Supplied Information:**

## Notes and Addenda:



Bryant Kearl Chief Scientific Officer

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6 of 6

#### Mule Fuel.B7B8B.42.2024.

Sample ID: 2410APO4600.21064 Strain: Mule Fuel Matrix: Plant

Type: Flower - Cured Source Batch #:

Produced:

Collected: 10/22/2024 12:15 pm Received: 10/22/2024 Completed: 12/17/2024

Batch #: Mule Fuel.B7B8B.42.2024. Harvest Date: 10/15/2024

Client

The Pharm / Sunday Goods Lic. # 00000099ESVM28064808

Lot #:

Production/Manufacture Date: Production/Manufacture Method:

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		Client inf	ormation			
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FA/LA# of person(s) requesting change:			1712186FAVL189136204			
rganization Name/License #:			The Pharm / Sunday Goods LIC. # 00000099ESVM28064808			
ate update req				12/17/202		
	Initials of Requ	uesting Individual:		RG		
				110		
	Request Form submitter understands Apollo Labs		ed matter caused by the change a	and that submitter's internal compliance profes	sionals previously determined t	
	Request Form submitter understands Apollo Labs applicable rules and regulations of the Arizona De	partment of Health Services.		and that submitter's internal compliance profes	sionals previously determined t	
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12/17/2024

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