



2001 Airport Road, Suite 301
Flowood, Mississippi 39232
License #: TESL000161
601-910-3001
info@ms.steepphill.com

Regulatory Compliance Testing Certificate of Analysis



Client Name: Gautier Agricultural Company

Client Address: 3100 Ladnier Road, Gautier, Ms 39553

License Number: CULV004130



Sample Name: Mule Fuel

Sample ID: MS15665

METRC ID (LOT#): 1A4230100003AFD000003739

Batch Number: 1A4230100003AFD000003646

Sample Matrix: Flower

Total Batch Size (#), Units in Batch (count):

Total Sample Weight (g), Units Sampled (count): 14

Sample Density(g/ml):

Servings Per Container (#):

Serving Mass (g):

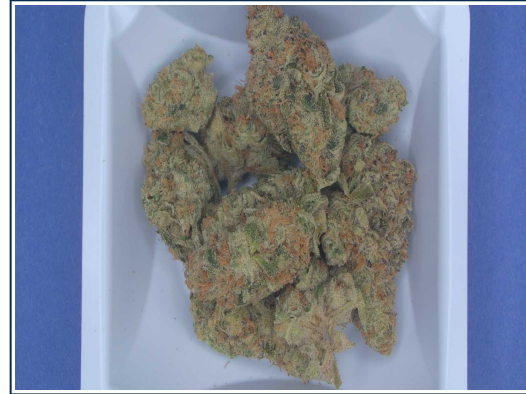
Grams per Package:

Date Sampled: 11/17/2025

Date Received: 11/17/2025

Date Reported: 11/21/2025

Sample Result: PASS



Cannabinoids

PASS

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC) | Test ID: #127866

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0195	0.0590
CBD	ND	ND	ND	ND	0.0287	0.0869
CBDA	0.0669	0.669	0.0607	0.607	0.0319	0.0961
CBDV	ND	ND	ND	ND	0.0355	0.1081
CBG	0.0742	0.742	0.0673	0.673	0.0291	0.0885
CBGA	0.5237	5.237	0.4753	4.753	0.0307	0.0929
CBN	ND	ND	ND	ND	0.0279	0.0841
d8-THC	ND	ND	ND	ND	0.0227	0.0690
d9-THC	1.5388	15.388	1.3965	13.965	0.0231	0.0698
THCA	32.5228	325.228	29.5144	295.144	0.0239	0.0718
THCV	ND	ND	ND	ND	0.0283	0.0853

Total Cannabinoids		
	% (Dry)	mg/g (Dry)
Total THC:	30.0	301.000
Total CBD:	0.059	0.587
Total Cannabinoids:	30.653	306.535

Total theoretical THC % = (delta-9-THC%) + (THCA% * 0.877)



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Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS) | Test ID: #127870

Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
beta-Myrcene	1.3748	13.748	0.032	0.262
beta-Caryophyllene	0.3257	3.257	0.032	0.332
(+) alpha-Pinene	0.2808	2.808	0.032	0.340
Total Bisabolene	0.2606	2.606	0.007	0.056
(±)-Limonene	0.2303	2.303	0.032	0.248
(-) beta-Pinene	0.1375	1.375	0.032	0.278
alpha-Humulene	0.1105	1.105	0.032	0.284
Fenchyl Alcohol	0.03	0.3	0.032	0.273
(E)-beta-Ocimene	0.0153	0.153	0.010	0.098
Total Terpineol	< LOQ	< LOQ	0.007	0.079
Total Farnesene	< LOQ	< LOQ	0.022	0.074
Camphene	<LOQ	<LOQ	0.032	0.287
Sabinene	<LOQ	<LOQ	0.032	0.258
alpha-Phellandrene	<LOQ	<LOQ	0.032	0.283
Eucalyptol	<LOQ	<LOQ	0.032	0.308
(Z)-beta-Ocimene	<LOQ	<LOQ	0.022	0.211
Sabinene Hydrate	<LOQ	<LOQ	0.032	0.360
Terpinolene	<LOQ	<LOQ	0.031	0.249
Fenchone	<LOQ	<LOQ	0.032	0.198
(-) Linalool	<LOQ	<LOQ	0.032	0.432
Camphor	<LOQ	<LOQ	0.064	0.432
Isoborneol	<LOQ	<LOQ	0.032	0.296
(±)-Borneol	<LOQ	<LOQ	0.064	0.704
Nerol	<LOQ	<LOQ	0.032	0.710
trans-Nerolidol	<LOQ	<LOQ	0.032	0.562
Caryophyllene Oxide	<LOQ	<LOQ	0.032	0.322
(-) alpha-Bisabolol	<LOQ	<LOQ	0.032	0.405
(+) 3-delta-Carene	ND	ND	0.032	0.335
alpha-Terpinene	ND	ND	0.032	0.324
gamma-Terpinene	ND	ND	0.032	0.228
(±)-Isopulegol	ND	ND	0.032	0.414
Menthol	ND	ND	0.032	0.311
Pulegone	ND	ND	0.032	0.373
Geraniol	ND	ND	0.080	0.604
Geranyl Acetate	ND	ND	0.032	0.402
alpha-Cedrene	ND	ND	0.032	0.287
(+) Valencene	ND	ND	0.032	0.347
cis-Nerolidol	ND	ND	0.032	0.527
Guaiol	ND	ND	0.032	0.324
Cedrol	ND	ND	0.032	0.322
Total Terpenes	2.7943	27.943		

Moisture

PASS

Water Activity and Moisture Content Analysis | Test ID: #127868

Analyte	Result	Limit	Pass/Fail
Moisture (%)	9.25	15	PASS
Water Activity (Aw)	0.46	0.65	PASS



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Heavy Metals

PASS

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS) - Limit units: $\mu\text{g/kg}$ | Test ID: #127867

Analyte	Pass/Fail	Result ($\mu\text{g/g}$)	Limit	LOD ($\mu\text{g/g}$)	LOQ ($\mu\text{g/g}$)
Arsenic	Pass	ND	0.400	0.016	0.050
Cadmium	Pass	ND	0.400	0.022	0.067
Chromium	Pass	ND	1.200	0.065	0.198
Copper	NT	NT	NT	0.083	0.251
Lead	Pass	< LOQ	1.000	0.021	0.062
Mercury	Pass	ND	0.200	0.028	0.084
Nickel	Pass	ND	1.000	0.055	0.166



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Pesticides

PASS

Residual pesticide analysis utilizing Liquid and Gas Chromatography – Mass Spectrometry (LC-MSMS) - Limit units: ug/g = ppm | Test ID: #127871

Analyte	Pass/Fail	Result (µg/g)	Limit	LOD (µg/g)	LOQ (µg/g)
Abamectin	PASS	ND	0.500	0.001	0.002
Acephate	PASS	ND	0.400	0.015	0.047
Acequinocyl	PASS	ND	2.000	0.024	0.072
Acetamiprid	PASS	ND	0.200	0.002	0.006
Aldicarb	PASS	ND	0.400	0.005	0.015
Azoxystrobin	PASS	ND	0.200	0.002	0.006
Bifenazate	PASS	ND	0.200	0.002	0.007
Bifenthrin	PASS	ND	0.200	0.004	0.012
Boscalid	PASS	ND	0.400	0.008	0.023
Carbaryl	PASS	ND	0.200	0.001	0.003
Carbofuran	PASS	ND	0.200	0.002	0.005
Chlorantraniliprole	PASS	ND	0.200	0.004	0.011
Chlorfenapyr	PASS	ND	1.000	0.056	0.170
Chloromequat chloride	PASS	ND	0.200	0.004	0.013
Chlorpyrifos	PASS	ND	0.200	0.004	0.011
Clofentezine	PASS	ND	0.200	0.002	0.006
Cyfluthrin	PASS	ND	1.000	0.025	0.076
Cypermethrin	PASS	ND	1.000	0.010	0.029
Daminozide	PASS	ND	1.000	0.014	0.044
Diazinon	PASS	ND	0.200	0.001	0.004
Dichlorvos	PASS	ND	0.100	0.001	0.002
Dimethoate	PASS	ND	0.200	0.002	0.005
Ethoprophos	PASS	ND	0.200	0.002	0.006
Etofenprox	PASS	ND	0.400	0.009	0.029
Etoxazole	PASS	ND	0.200	0.001	0.004
Fenoxycarb	PASS	ND	0.200	0.002	0.005
Fenpyroximate	PASS	ND	0.400	0.002	0.007
Fipronil	PASS	ND	0.400	0.008	0.023
Flonicamid	PASS	ND	1.000	0.043	0.130
Fludioxonil	PASS	ND	0.400	0.010	0.030
Hexythiazox	PASS	ND	1.000	0.007	0.021
Imazalil	PASS	ND	0.200	0.003	0.008
Imidacloprid	PASS	ND	0.400	0.004	0.011
Kresoxim-methyl	PASS	ND	0.400	0.003	0.009
Malathion	PASS	ND	0.200	0.003	0.008
Metalaxyl	PASS	ND	0.200	0.002	0.004
Methiocarb	PASS	ND	0.200	0.002	0.005
Methomyl	PASS	ND	0.400	0.005	0.014
Methyl parathion	PASS	ND	0.200	0.005	0.016
Myclobutanil	PASS	ND	0.200	0.002	0.005
Naled	PASS	ND	0.500	0.004	0.012
Oxamyl	PASS	ND	1.000	0.013	0.040
Paclobutrazol	PASS	ND	0.400	0.009	0.028
Permethrins	PASS	ND	0.200	0.001	0.002
Phosmet	PASS	ND	0.200	0.001	0.004
Piperonyl Butoxide	PASS	ND	2.000	0.048	0.145
Prallethrin	PASS	ND	0.200	0.001	0.004
Propiconazole	PASS	ND	0.400	0.004	0.011
Propoxur	PASS	ND	0.200	0.002	0.005
Pyrethrins	PASS	ND	1.000	0.000	0.001
Pyridaben	PASS	ND	0.200	0.001	0.004
Spinosad	PASS	ND	0.200	0.000	0.001
Spiromesifen	PASS	ND	0.200	0.001	0.003
Spirotetramat	PASS	ND	0.200	0.005	0.015
Spiroxamine	PASS	ND	0.400	0.002	0.006
Tebuconazole	PASS	ND	0.400	0.006	0.017
Thiacloprid	PASS	ND	0.200	0.002	0.007
Thiamethoxam	PASS	ND	0.200	0.002	0.007
Trifloxystrobin	PASS	ND	0.200	0.015	0.045



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Mycotoxins

PASS

Mycotoxins (LC-MS) - Limit units: ug/g = ppm | Test ID: #127869

Analyte	Pass/Fail	Result (µg/g)	Limit	LOD (µg/g)
Aflatoxin B1	PASS	ND	20.0	0.0007
Aflatoxin B2	PASS	ND	20.0	0.0004
Aflatoxin G1	PASS	ND	20.0	0.0004
Aflatoxin G2	PASS	ND	20.0	0.0006
Ochratoxin A	PASS	ND	20.0	0.0004

Microbials

PASS

Microbial analysis utilizing quantitative Polymerase Chain Reaction and microbial enumeration - Limit units: CFU/g

Analyte	Results (CFU/g)	Limit (CFU/g)	Pass/Fail
Aspergillus Fumigatus	ND	Detectable in 1 gram	Pass
Aspergillus Niger	ND	Detectable in 1 gram	Pass
Aspergillus Flavus1	ND	Detectable in 1 gram	Pass
Aspergillus Terrus	ND	Detectable in 1 gram	Pass
Shiga Toxin E.Coli	ND	Detectable in 1 gram	Pass
Salmonella	ND	Detectable in 1 gram	Pass
Total Yeast and Mold	0	10,000 CFU/g	Pass
Total Coliforms	0	100 CFU/g	Pass

Foreign Material

Pass

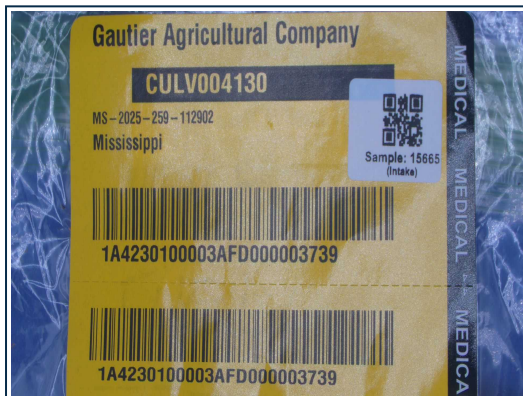
Foreign Matter Inspection

Analyte	Pass/Fail
Foreign Matter	Pass

I hereby attest that all information contained within this report is complete and accurate, and further that all LQC samples have met required regulatory standards as enacted by the Mississippi Medical Cannabis Program as administered by the Mississippi Department of Health.

Whitney Morris

Whitney Morris
Lab Director
11/21/2025



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