



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: Banana Gushmints

Sample ID: MS19678

METRC ID (LOT#): 1A4230100003AFD000006724

Batch Number: 1A4230100003AFD000006474

Sample Matrix: Flower

Total Batch Size (#), Units in Batch (count): 11350

Total Sample Weight (g), Units Sampled (count): 10

Sample Density(g/ml):

Servings Per Container (#):

Serving Mass (g):

Grams per Package:

Date Sampled: 7/1/2026

Date Received: 7/1/2026

Date Reported: 7/15/2026

Sample Result: PASS



Cannabinoids

PASS

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC) | Test ID: #159166

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0191	0.0576
CBD	ND	ND	ND	ND	0.0280	0.0848
CBDA	0.0959	0.959	0.0866	0.866	0.0311	0.0937
CBDV	ND	ND	ND	ND	0.0346	0.1054
CBG	0.1137	1.137	0.1027	1.027	0.0284	0.0863
CBGA	1.0144	10.144	0.9162	9.162	0.0299	0.0906
CBN	ND	ND	ND	ND	0.0272	0.0821
d8-THC	ND	ND	ND	ND	0.0222	0.0673
d9-THC	0.3193	3.193	0.2884	2.884	0.0226	0.0681
THCA	30.8192	308.192	27.8359	278.359	0.0233	0.0700
THCV	ND	ND	ND	ND	0.0276	0.0832

Total Cannabinoids		
	% (Dry)	mg/g (Dry)
Total THC:	27.3	273.477
Total CBD:	0.084	0.841
Total Cannabinoids:	28.435	284.352

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: #159170

Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
(-)-alpha-Bisabolol	0.7095	7.095	0.032	0.404
(±)-Limonene	0.6091	6.091	0.032	0.248
beta-Caryophyllene	0.4672	4.672	0.032	0.331
beta-Myrcene	0.4532	4.532	0.032	0.262
Total Farnesene	0.448	4.48	0.022	0.074
(-)-Linalool	0.2569	2.569	0.032	0.431
Total Bisabolene	0.2161	2.161	0.007	0.056
alpha-Humulene	0.1223	1.223	0.032	0.283
Guaiol	0.0971	0.971	0.032	0.323
(-) beta-Pinene	0.0874	0.874	0.032	0.277
Fenchyl Alcohol	0.0862	0.862	0.032	0.273
Total Terpineol	0.0721	0.721	0.007	0.079
(+) alpha-Pinene	0.0669	0.669	0.032	0.339
Fenchone	0.0209	0.209	0.032	0.197
Camphene	<LOQ	<LOQ	0.032	0.287
Sabinene	<LOQ	<LOQ	0.032	0.257
alpha-Phellandrene	<LOQ	<LOQ	0.032	0.282
alpha-Terpinene	<LOQ	<LOQ	0.032	0.323
(E)-beta-Ocimene	<LOQ	<LOQ	0.010	0.098
Eucalyptol	<LOQ	<LOQ	0.032	0.307
(Z)-beta-Ocimene	<LOQ	<LOQ	0.022	0.210
gamma-Terpinene	<LOQ	<LOQ	0.032	0.228
Sabinene Hydrate	<LOQ	<LOQ	0.031	0.359
Terpinolene	<LOQ	<LOQ	0.031	0.248
Isoborneol	<LOQ	<LOQ	0.032	0.295
(±)-Borneol	<LOQ	<LOQ	0.063	0.702
alpha-Cedrene	<LOQ	<LOQ	0.032	0.286
trans-Nerolidol	<LOQ	<LOQ	0.032	0.560
Caryophyllene Oxide	<LOQ	<LOQ	0.032	0.322
Cedrol	<LOQ	<LOQ	0.032	0.321
(+)-3-delta-Carene	ND	ND	0.032	0.334
(±)-Isopulegol	ND	ND	0.032	0.412
Camphor	ND	ND	0.063	0.431
Menthol	ND	ND	0.032	0.310
Nerol	ND	ND	0.032	0.708
Pulegone	ND	ND	0.032	0.372
Geraniol	ND	ND	0.079	0.602
Geranyl Acetate	ND	ND	0.032	0.401
(+)-Valencene	ND	ND	0.032	0.346
cis-Nerolidol	ND	ND	0.032	0.526
Total Terpenes	3.713	37.13		

Moisture

PASS

Water Activity and Moisture Content Analysis | Test ID: #159168

Analyte	Result	Limit	Pass/Fail
Moisture (%)	9.68	15	PASS
Water Activity (Aw)	0.49	0.65	PASS



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Heavy Metals

PASS

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS) - Limit units: $\mu\text{g/g}$ | Test ID: #159167

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	< LOQ	1.200	0.065	0.198
Copper	NT	NT	NT	0.083	0.251
Lead	Pass	0.077	1.000	0.021	0.062
Mercury	Pass	ND	0.200	0.028	0.084
Nickel	Pass	< LOQ	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: #159171

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/kg = ppb | Test ID: #159169

Analyte	Pass/Fail	Result (µg/kg)	Limit	LOD (µg/kg)	LOQ (µg/kg)
Aflatoxin B1		ND		0.679	2.060
Aflatoxin B2		ND		0.433	1.313
Aflatoxin G1		ND		0.373	1.340
Aflatoxin G2		ND		0.632	1.910
Ochratoxin A	PASS	ND	20.0	0.446	1.352
Total Aflatoxins	PASS	ND	20.0		

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
7/15/2026



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