



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:** Orange Runtz  
**Sample ID:** MS15883  
**METRC ID (LOT#):** 1A4230100003AFD000003804  
**Batch Number:** 1A4230100003AFD000003622  
**Sample Matrix:** Flower  
**Total Batch Size (#), Units in Batch (count):**  
**Total Sample Weight (g), Units Sampled (count):** 12.6  
**Sample Density(g/ml):**  
**Servings Per Container (#):**  
**Serving Mass (g):**  
**Grams per Package:**  
**Date Sampled:** 11/26/2025  
**Date Received:** 11/26/2025  
**Date Reported:** 12/3/2025

## Sample Result: PASS



### Cannabinoids

PASS

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC) | Test ID: #129580

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0205	0.0618
CBD	ND	ND	ND	ND	0.0301	0.0910
CBDA	0.063	0.63	0.0578	0.578	0.0334	0.1006
CBDV	ND	ND	ND	ND	0.0372	0.1132
CBG	0.0725	0.725	0.0665	0.665	0.0305	0.0927
CBGA	1.1567	11.567	1.0613	10.613	0.0322	0.0973
CBN	ND	ND	ND	ND	0.0292	0.0881
d8-THC	ND	ND	ND	ND	0.0238	0.0722
d9-THC	3.2403	32.403	2.973	29.73	0.0242	0.0731
THCA	18.4059	184.059	16.8874	168.874	0.0251	0.0752
THCV	ND	ND	ND	ND	0.0296	0.0894

Total Cannabinoids		
	% (Dry)	mg/g (Dry)
Total THC:	19.4	193.823
Total CBD:	0.055	0.553
Total Cannabinoids:	20.524	205.245

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



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## Regulatory Compliance Testing Certificate of Analysis

### Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS) | Test ID: #129584

Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
beta-Caryophyllene	0.5995	5.995	0.032	0.331
Total Farnesene	0.5801	5.801	0.022	0.074
Terpinolene	0.2919	2.919	0.031	0.248
Total Bisabolene	0.2724	2.724	0.007	0.056
beta-Myrcene	0.1829	1.829	0.032	0.262
alpha-Humulene	0.1636	1.636	0.032	0.284
(±)-Limonene	0.1511	1.511	0.032	0.248
(-)-alpha-Bisabolol	0.1	1	0.032	0.405
(-)-Linalool	0.0938	0.938	0.032	0.431
Geraniol	0.0695	0.695	0.080	0.603
trans-Nerolidol	0.0594	0.594	0.032	0.561
Total Terpineol	0.0572	0.572	0.007	0.079
(-) beta-Pinene	0.0542	0.542	0.032	0.278
(+) alpha-Pinene	0.0461	0.461	0.032	0.340
Fenchyl Alcohol	0.0407	0.407	0.032	0.273
Caryophyllene Oxide	0.0334	0.334	0.032	0.322
Cedrol	0.0333	0.333	0.032	0.322
(E)-beta-Ocimene	0.0318	0.318	0.010	0.098
(Z)-beta-Ocimene	0.0222	0.222	0.022	0.211
Camphene	<LOQ	<LOQ	0.032	0.287
Sabinene	<LOQ	<LOQ	0.032	0.257
alpha-Phellandrene	<LOQ	<LOQ	0.032	0.283
(+)-3-delta-Carene	<LOQ	<LOQ	0.032	0.335
alpha-Terpinene	<LOQ	<LOQ	0.032	0.324
Eucalyptol	<LOQ	<LOQ	0.032	0.308
gamma-Terpinene	<LOQ	<LOQ	0.032	0.228
Sabinene Hydrate	<LOQ	<LOQ	0.031	0.360
Fenchone	<LOQ	<LOQ	0.032	0.197
(±)-Isopulegol	<LOQ	<LOQ	0.032	0.413
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	0.709
Geranyl Acetate	<LOQ	<LOQ	0.032	0.402
(+)-Valencene	<LOQ	<LOQ	0.032	0.347
Guaiol	<LOQ	<LOQ	0.032	0.324
Menthol	ND	ND	0.032	0.310
Pulegone	ND	ND	0.032	0.373
alpha-Cedrene	ND	ND	0.032	0.286
cis-Nerolidol	ND	ND	0.032	0.527
Total Terpenes	2.8831	28.831		

### Moisture

PASS

Water Activity and Moisture Content Analysis | Test ID: #129582

Analyte	Result	Limit	Pass/Fail
Moisture (%)	8.25	15	PASS
Water Activity (Aw)	0.39	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: #129581

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	0.072	1.000	0.021	0.062
Mercury	Pass	ND	0.200	0.028	0.084
Nickel	Pass	ND	1.000	0.055	0.166



Sample ID: MS15883

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## Regulatory Compliance Testing Certificate of Analysis

### Pesticides

PASS

Residual pesticide analysis utilizing Liquid and Gas Chromatography – Mass Spectrometry (LC-MSMS) - Limit units: ug/g = ppm | Test ID: #129585

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: #129583

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  
12/3/2025



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