



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

## Regulatory Compliance Testing Certificate of Analysis



**Client Name:** Rolling Pines

**Client Address:** 2672 A Lower Centreville Rd, Liberty, MS 39645

**License Number:** MCUL002757 / MPRC001303



**Sample Name:** Gumbo

**Sample ID:** MS13126

**METRC ID (LOT#):** 1A4230100001131000000605

**Batch Number:** 1A4230100001131000000582

**Sample Matrix:** Flower

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

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

**Sample Density(g/ml):**

**Servings Per Container (#):**

**Serving Mass (g):**

**Grams per Package:**

**Date Sampled:** 7/7/2025

**Date Received:** 7/7/2025

**Date Reported:** 7/11/2025

## Sample Result: PASS



### Cannabinoids

PASS

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC) | Test ID: #106542

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0184	0.0556
CBD	ND	ND	ND	ND	0.0271	0.0819
CBDA	0.0937	0.937	0.0837	0.837	0.0301	0.0905
CBDV	ND	ND	ND	ND	0.0334	0.1018
CBG	0.1396	1.396	0.1246	1.246	0.0274	0.0834
CBGA	1.766	17.66	1.5767	15.767	0.0289	0.0875
CBN	ND	ND	ND	ND	0.0263	0.0793
d8-THC	ND	ND	ND	ND	0.0214	0.0650
d9-THC	1.0056	10.056	0.8978	8.978	0.0218	0.0657
THCA	32.9614	329.614	29.4279	294.279	0.0225	0.0676
THCV	ND	ND	ND	ND	0.0267	0.0804

### Total Cannabinoids

	% (Dry)	mg/g (Dry)
Total THC:	29.9	299.127
Total CBD:	0.082	0.822
Total Cannabinoids:	31.683	316.833

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



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Determination of Pass/Fail is based on RULES AND REGULATIONS GOVERNING MEDICAL MARIJUANA REGISTRATION, TESTING, AND LABELING IN MISSISSIPPI. Steep Hill Mississippi does not use Measurement Uncertainty when determining results. Measurement Uncertainty information is available upon request. These results only relate to the item tested and apply to the sample as received. This report should only be reproduced in its entirety.





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### Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS) | Test ID: #106546

Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
trans-Caryophyllene	0.8272	8.272	0.007	0.022
Limonene	0.7262	7.262	0.003	0.009
a-Humulene	0.3577	3.577	0.004	0.011
Myrcene	0.3394	3.394	0.003	0.009
Linalool	0.169	1.69	0.004	0.011
beta-Pinene	0.1239	1.239	0.003	0.010
a-Pinene	0.0727	0.727	0.002	0.005
a-Bisabolol	0.0424	0.424	0.009	0.026
Camphene	0.0325	0.325	0.005	0.014
Geraniol	0.0273	0.273	0.011	0.033
a-Terpinolene	0.0238	0.238	0.002	0.005
Carophyllene Oxide	0.0229	0.229	0.011	0.034
cis-Nerolidol	0.021	0.21	0.004	0.011
trans-Nerolidol	0.0199	0.199	0.004	0.011
gamma-terpinene	0.0187	0.187	0.003	0.008
trans-Ocimene	0.0182	0.182	0.005	0.016
alpha-Terpinene	0.0178	0.178	0.001	0.004
Isopulegol	0.0174	0.174	0.008	0.024
Cineole	0.0093	0.093	0.004	0.012
cis-Ocimene	0.0049	0.049	0.003	0.008
3-Carene	ND	ND	0.003	0.008
Guaiol	ND	ND	0.007	0.020
Total Terpenes	2.8922	28.922		

### Moisture

PASS

Water Activity and Moisture Content Analysis | Test ID: #106544

Analyte	Result	Limit	Pass/Fail
Moisture (%)	10.72	15	PASS
Water Activity (Aw)	0.55	0.65	PASS

### Heavy Metals

PASS

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS) - Limit units: µg/kg | Test ID: #106543

Analyte	Pass/Fail	Result (ug/g)	Limit	LOD (ug/g)	LOQ (ug/g)
Arsenic	Pass	< LOQ	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	ND	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: #106547

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: #106545

Analyte	Pass/Fail	Result (µg/kg)	Limit	LOD (µg/kg)
Aflatoxin B1	PASS	ND	20.0	0.679
Aflatoxin B2	PASS	ND	20.0	0.433
Aflatoxin G1	PASS	ND	20.0	0.373
Aflatoxin G2	PASS	ND	20.0	0.632
Ochratoxin A	PASS	ND	20.0	0.446

### 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

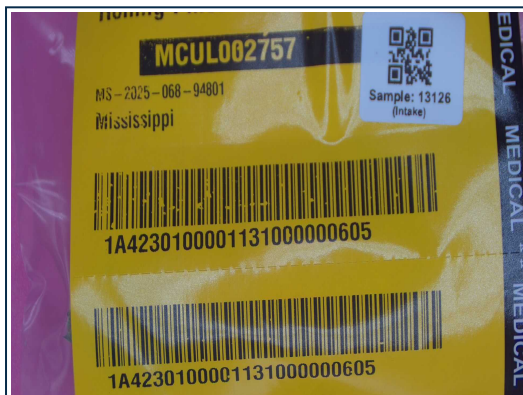
Foreign Matter Inspection

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  
Laboratory Director  
Date: 7/11/2025



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