



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:** Rolling Pines  
**Client Address:** 2672 A Lower Centreville Rd, Liberty, MS 39645  
**License Number:** MCUL002757 / MPRC001303

**Sample Name:** Jet Fuel Gelato  
**Sample ID:** MS8061  
**METRC ID (LOT#):** 1A4230100001131000000265  
**Batch Number:** 1A4230100001131000000237  
**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:** 10/16/2024  
**Date Received:** 10/16/2024  
**Date Reported:** 10/28/2024

## Sample Result: PASS



## Cannabinoids PASS

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC) | Test ID: #64932

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	0.0476	0.476	0.0431	0.431	0.0217	0.0656
CBD	ND	ND	ND	ND	0.0319	0.0967
CBDA	0.0775	0.775	0.0702	0.702	0.0355	0.1069
CBDV	ND	ND	ND	ND	0.0395	0.1202
CBG	0.1495	1.495	0.1354	1.354	0.0324	0.0985
CBGA	1.5154	15.154	1.3722	13.722	0.0342	0.1033
CBN	ND	ND	ND	ND	0.0310	0.0936
d8-THC	ND	ND	ND	ND	0.0253	0.0767
d9-THC	2.9787	29.787	2.6972	26.972	0.0257	0.0776
THCA	25.0258	250.258	22.6609	226.609	0.0266	0.0798
THCV	ND	ND	ND	ND	0.0315	0.0949

Total Cannabinoids		
	% (Dry)	mg/g (Dry)
Total THC:	24.9	249.263
Total CBD:	0.068	0.680
Total Cannabinoids:	26.520	265.204

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



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: #64939

Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
Limonene	0.7431	7.431	0.003	0.009
Myrcene	0.4334	4.334	0.003	0.009
Linalool	0.3814	3.814	0.004	0.011
trans-Caryophyllene	0.2437	2.437	0.007	0.022
beta-Pinene	0.1234	1.234	0.003	0.010
a-Bisabolol	0.117	1.17	0.009	0.026
a-Humulene	0.0966	0.966	0.004	0.011
a-Pinene	0.0748	0.748	0.002	0.005
trans-Nerolidol	0.052	0.52	0.003	0.011
cis-Nerolidol	0.0435	0.435	0.003	0.011
Camphene	0.0416	0.416	0.005	0.014
a-Terpinolene	0.0316	0.316	0.002	0.005
gamma-terpinene	0.0257	0.257	0.003	0.008
trans-Ocimene	0.0253	0.253	0.005	0.016
Carophyllene Oxide	0.0199	0.199	0.011	0.034
alpha-Terpinene	0.0189	0.189	0.001	0.004
Isopulegol	0.0168	0.168	0.008	0.024
Geraniol	0.0093	0.093	0.011	0.032
cis-Ocimene	0.0075	0.075	0.003	0.008
3-Carene	ND	ND	0.003	0.008
Cineole	ND	ND	0.004	0.012
Guaiol	ND	ND	0.007	0.020
Total Terpenes	2.5055	25.055		

### Moisture

**PASS**

Water Activity and Moisture Content Analysis | Test ID: #64941

Analyte	Result	Limit	Pass/Fail
Moisture (%)	9.45	15	PASS
Water Activity (Aw)	0.47	0.65	PASS

### Heavy Metals

**PASS**

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS) - Limit units: µg/kg | Test ID: #64934

Analyte	Pass/Fail	Result (ug/g)	Limit	LOD (ug/g)	LOQ (ug/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	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: #64936

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
Fonicamid	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
Pacllobutrazol	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: #64935

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

Per MSDH, 30 August 2024, Total Yeast and Mold must be included in Analytes, but will not be used for Pass/Fail until 29 October 2024.

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

Foreign Matter Inspection

Analyte	Pass/Fail
Foreign Matter	

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  
 Laboratory Director  
 Date: 10/28/2024



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## Regulatory Compliance Testing Certificate of Analysis



Sample ID: MS8061

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