



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: Dragon Fire Farms, LLC
Client Address: 1982 E Franklin St, Cathage, MS 39051
License Number: CULV003740

Sample Name: DF OG
Sample ID: MS6172
METRC ID (LOT#): 1A42301000032C9000001646
Batch Number: 1A42301000032C9000001644
Sample Matrix: Flower
Total Batch Size (#), Units in Batch (count): 10930
Total Sample Weight (g), Units Sampled (count): 7.6
Sample Density(g/ml):
Servings Per Container (#):
Serving Mass (g):
Grams per Package:
Date Sampled: 6/14/2024
Date Received: 6/14/2024
Date Reported: 6/24/2024

Sample Result: PASS



Cannabinoids **PASS**

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC) | Test ID: #47862

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0200	0.0604
CBD	ND	ND	ND	ND	0.0294	0.0890
CBDA	0.144	1.44	0.1303	1.303	0.0326	0.0983
CBDV	ND	ND	ND	ND	0.0363	0.1106
CBG	0.1035	1.035	0.0937	0.937	0.0298	0.0906
CBGA	1.8441	18.441	1.6687	16.687	0.0314	0.0951
CBN	ND	ND	ND	ND	0.0286	0.0861
d8-THC	ND	ND	ND	ND	0.0233	0.0706
d9-THC	0.6794	6.794	0.6148	6.148	0.0237	0.0714
THCA	33.6099	336.099	30.4136	304.136	0.0245	0.0735
THCV	ND	ND	ND	ND	0.0290	0.0873

Total Cannabinoids				
	% (Dry)	mg/g (Dry)	%	mg/g
Total THC:	30.2	301.553	27.29	272.875
Total CBD:	0.126	1.263	0.11	1.143
Total Cannabinoids:	32.002	320.023	28.96	289.590

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: #47869

Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
Limonene	0.4756	4.756	0.003	0.009
trans-Caryophyllene	0.3099	3.099	0.007	0.022
Myrcene	0.2823	2.823	0.003	0.009
Linalool	0.2087	2.087	0.004	0.011
beta-Pinene	0.0988	0.988	0.003	0.010
a-Humulene	0.0964	0.964	0.004	0.011
a-Pinene	0.0635	0.635	0.002	0.005
a-Bisabolol	0.0467	0.467	0.009	0.026
trans-Nerolidol	0.0404	0.404	0.003	0.011
Geraniol	0.0383	0.383	0.011	0.032
Camphene	0.0348	0.348	0.005	0.014
a-Terpinolene	0.0276	0.276	0.002	0.005
cis-Nerolidol	0.027	0.27	0.003	0.011
trans-Ocimene	0.022	0.22	0.005	0.016
gamma-terpinene	0.0202	0.202	0.003	0.008
alpha-Terpinene	0.0202	0.202	0.001	0.004
Cineole	0.0173	0.173	0.004	0.012
Carophyllene Oxide	0.0171	0.171	0.011	0.033
cis-Ocimene	0.0071	0.071	0.003	0.008
3-Carene	ND	ND	0.003	0.008
Isopulegol	ND	ND	0.008	0.024
Guaiol	ND	ND	0.007	0.020
Total Terpenes	1.8539	18.539		

Moisture

PASS

Water Activity and Moisture Content Analysis | Test ID: #47871

Analyte	Result	Limit	Pass/Fail
Moisture (%)	9.51	15	PASS
Water Activity (Aw)	0.48	0.65	PASS

Heavy Metals

PASS

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS) - Limit units: µg/kg | Test ID: #47864

Analyte	Pass/Fail	Result (ug/g)	Limit	LOD (ug/g)	LOQ (ug/g)
Arsenic	Pass	ND	0.400	0.060	0.200
Cadmium	Pass	ND	0.400	0.060	0.200
Lead	Pass	ND	1.000	0.160	0.500
Mercury	Pass	ND	1.200	0.200	0.600



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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: #47866

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
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: #47865

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 Flavus	ND	Detectable in 1 gram	Pass
Aspergillus Terrus	ND	Detectable in 1 gram	Pass
Salmonella	ND	Detectable in 1 gram	Pass
Shiga Toxin E.Coli	ND	None	Pass
Total E.Coli	ND	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
 6/24/2024



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