



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

Certificate of Analysis

Client Name: Dragon Fire Farms, LLC
License Number:

Sample Name: Stumble OG
Sample ID: MS3019
METRC ID (LOT#): 1A42301000032C9000000059
Batch Number: 1A42301000032C9000000042
Sample Matrix: Flower
Servings Per Container (#):
Serving Mass (g):
Grams per Package:
Date Received: 1/19/2024
Date Reported: 1/26/2024

Sample Result: PASS



Cannabinoids

PASS

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC) | Test ID: #22347

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0000	0.0001
CBD	ND	ND	ND	ND	0.0001	0.0001
CBDA	0.0813	0.813	0.0752	0.752	0.0000	0.0001
CBDV	ND	ND	ND	ND	0.0001	0.0001
CBG	0.0826	0.826	0.0764	0.764	0.0000	0.0001
CBGA	0.7561	7.561	0.6994	6.994	0.0002	0.0001
CBN	ND	ND	ND	ND	0.0001	0.0001
d8-THC	ND	ND	ND	ND	0.0002	0.0001
d9-THC	0.7994	7.994	0.7394	7.394	0.0000	0.0001
THCA	25.9605	259.605	24.0135	240.135	0.0000	0.0001
THCV	ND	ND	ND	ND	0.0000	0.0001

Total Cannabinoids				
	% (Dry)	mg/g (Dry)	%	mg/g
Total THC:	23.567	235.668	21.8	217.992
Total CBD:	0.071	0.713	0.066	0.660
Total Cannabinoids:	24.384	243.838	22.555	225.550

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: #22354

Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
Myrcene	0.4827	4.827	0.038	0.115
trans-Caryophyllene	0.4546	4.546	0.090	0.272
Limonene	0.4132	4.132	0.038	0.116
a-Humulene	0.1491	1.491	0.046	0.141
a-Pinene	0.0995	0.995	0.020	0.060
Linalool	0.0994	0.994	0.047	0.143
beta-Pinene	0.0948	0.948	0.041	0.123
cis-Ocimene	0.0579	0.579	0.032	0.096
Carophyllene Oxide	0.0431	0.431	0.139	0.422
Guaiol	0.0395	0.395	0.083	0.251
Nerolidol	0.0186	0.186	0.044	0.134
Camphene	<LOQ	<LOQ	0.057	0.172
alpha-Terpinene	<LOQ	<LOQ	0.015	0.045
Cineole	<LOQ	<LOQ	0.051	0.154
trans-Ocimene	<LOQ	<LOQ	0.067	0.203
gamma-terpinene	<LOQ	<LOQ	0.033	0.099
a-Terpinolene	<LOQ	<LOQ	0.022	0.068
Geraniol	<LOQ	<LOQ	0.135	0.409
a-Bisabolol	<LOQ	<LOQ	0.108	0.327
3-Carene	ND	ND	0.033	0.101
Isopulegol	ND	ND	0.101	0.306
Total Terpenes	1.9524	19.524		

Moisture

PASS

Water Activity and Moisture Content Analysis | Test ID: #22356

Analyte	Result (%)	Limit	Pass/Fail
Moisture	7.50	15	PASS
Water Activity	0.32	0.65	PASS

Heavy Metals

PASS

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS) - Limit units: µg/kg | Test ID: #22349

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 + GC-MSMS) - Limit units: ug/g = ppm | Test ID: #22351

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
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
Etoazole	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-MSMS + GC-MSMS) - Limit units: ug/g = ppm | Test ID: #22350

Analyte	Pass/Fail	Result (µg/g)	Limit	LOD (µg/g)
Aflatoxin B1	PASS	ND	0.010	0.010
Aflatoxin B2	PASS	ND	0.010	0.010
Aflatoxin G1	PASS	ND	0.010	0.010
Aflatoxin G2	PASS	ND	0.010	0.010
Ochratoxin A	PASS	ND	0.010	0.010

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	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

Whitney Morris
 Lab Director
 1/26/2024



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