



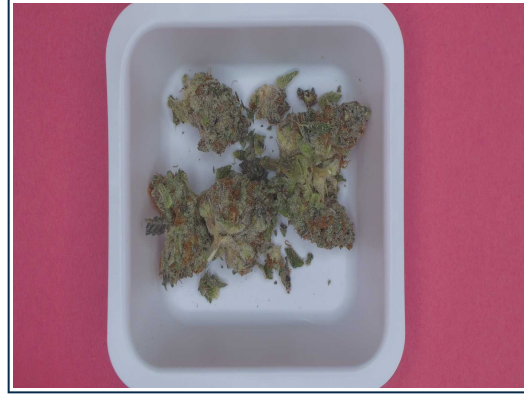
2001 Airport Road, Suite 301  
 Flowood, Mississippi 39232  
 License #: TESL000161  
 601-910-3001  
 info@ms.steepphill.com

# 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:** Holy Hand Grenade  
**Sample ID:** MS6543  
**METRC ID (LOT#):** 1A42301000032C9000001924  
**Batch Number:** 1A42301000032C9000001923  
**Sample Matrix:** Flower  
**Total Batch Size (#), Units in Batch (count):**  
**Total Sample Weight (g), Units Sampled (count):** 7.5  
**Sample Density(g/ml):**  
**Servings Per Container (#):**  
**Serving Mass (g):**  
**Grams per Package:**  
**Date Sampled:** 7/12/2024  
**Date Received:** 7/12/2024  
**Date Reported:** 7/18/2024

## Sample Result: PASS



## Cannabinoids PASS

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC) | Test ID: #51504

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0218	0.0658
CBD	ND	ND	ND	ND	0.0320	0.0969
CBDA	0.0993	0.993	0.0898	0.898	0.0356	0.1071
CBDV	ND	ND	ND	ND	0.0396	0.1204
CBG	0.1192	1.192	0.1078	1.078	0.0324	0.0987
CBGA	1.3552	13.552	1.2252	12.252	0.0342	0.1036
CBN	ND	ND	ND	ND	0.0311	0.0938
d8-THC	ND	ND	ND	ND	0.0253	0.0769
d9-THC	1.1442	11.442	1.0345	10.345	0.0258	0.0778
THCA	25.2624	252.624	22.8397	228.397	0.0267	0.0800
THCV	ND	ND	ND	ND	0.0316	0.0951

Total Cannabinoids		
	% (Dry)	mg/g (Dry)
Total THC:	23.3	232.993
Total CBD:	0.087	0.871
Total Cannabinoids:	24.694	246.941

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



Sample ID: MS6543

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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## Regulatory Compliance Testing Certificate of Analysis

### Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS) | Test ID: #51511

Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
trans-Caryophyllene	0.5795	5.795	0.007	0.022
Limonene	0.4296	4.296	0.003	0.009
a-Humulene	0.1783	1.783	0.004	0.011
Linalool	0.1279	1.279	0.004	0.011
a-Bisabolol	0.1006	1.006	0.009	0.026
beta-Pinene	0.0849	0.849	0.003	0.010
a-Pinene	0.0734	0.734	0.002	0.005
Myrcene	0.0584	0.584	0.003	0.009
Geraniol	0.0393	0.393	0.011	0.033
trans-Nerolidol	0.0342	0.342	0.004	0.011
cis-Ocimene	0.0338	0.338	0.003	0.008
Camphene	0.0332	0.332	0.005	0.014
a-Terpinolene	0.0274	0.274	0.002	0.005
Carophyllene Oxide	0.0272	0.272	0.011	0.034
Isopulegol	0.0251	0.251	0.008	0.024
trans-Ocimene	0.0231	0.231	0.005	0.016
cis-Nerolidol	0.0229	0.229	0.004	0.011
alpha-Terpinene	0.0202	0.202	0.001	0.004
gamma-terpinene	0.0201	0.201	0.003	0.008
Cineole	0.0168	0.168	0.004	0.012
3-Carene	ND	ND	0.003	0.008
Guaiol	ND	ND	0.007	0.020
Total Terpenes	1.9559	19.559		

### Moisture

**PASS**

Water Activity and Moisture Content Analysis | Test ID: #51513

Analyte	Result	Limit	Pass/Fail
Moisture (%)	9.59	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: #51506

Analyte	Pass/Fail	Result (ug/g)	Limit	LOD (ug/g)	LOQ (ug/g)
Arsenic	Pass	< LOQ	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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## 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: #51508

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: #51507

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  
 Lab Director  
 7/18/2024



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