



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: SRC
Client Address: 3069 Nola Road NE, Brookhaven, MS
License Number: CULV004443

Sample Name: Purple Milk Flower
Sample ID: MS5296
METRC ID (LOT#): 1A4230100003EE5000000571
Batch Number: 1A4230100003EE5000000537
Sample Matrix: Flower
Total Batch Size (#), Units in Batch (count): 9192
Total Sample Weight (g), Units Sampled (count): 7.5
Sample Density(g/ml):
Servings Per Container (#):
Serving Mass (g):
Grams per Package:
Date Sampled: 4/25/2024
Date Received: 4/25/2024
Date Reported: 5/5/2024

Sample Result: PASS



Cannabinoids PASS

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC) | Test ID: #40414

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0217	0.0656
CBD	ND	ND	ND	ND	0.0319	0.0966
CBDA	0.119	1.19	0.108	1.08	0.0354	0.1068
CBDV	0.0276	0.276	0.0251	0.251	0.0394	0.1201
CBG	0.161	1.61	0.1462	1.462	0.0323	0.0983
CBGA	2.2586	22.586	2.0506	20.506	0.0341	0.1032
CBN	ND	ND	ND	ND	0.0310	0.0935
d8-THC	ND	ND	ND	ND	0.0253	0.0766
d9-THC	0.8397	8.397	0.7624	7.624	0.0257	0.0775
THCA	36.0816	360.816	32.7585	327.585	0.0266	0.0797
THCV	ND	ND	ND	ND	0.0315	0.0948

Total Cannabinoids				
	% (Dry)	mg/g (Dry)	%	mg/g
Total THC:	32.5	324.833	29.49	294.916
Total CBD:	0.104	1.044	0.10	0.947
Total Cannabinoids:	34.757	347.570	31.56	315.560

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: #40421

Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
Limonene	0.4458	4.458	0.003	0.009
trans-Caryophyllene	0.2473	2.473	0.007	0.021
Linalool	0.2291	2.291	0.004	0.011
a-Pinene	0.1587	1.587	0.002	0.005
beta-Pinene	0.1371	1.371	0.003	0.010
Myrcene	0.0873	0.873	0.003	0.009
a-Humulene	0.0744	0.744	0.004	0.011
a-Bisabolol	0.0469	0.469	0.009	0.026
trans-Nerolidol	0.0379	0.379	0.003	0.011
Camphene	0.0344	0.344	0.005	0.014
a-Terpinolene	0.0202	0.202	0.002	0.005
trans-Ocimene	0.0195	0.195	0.005	0.016
alpha-Terpinene	0.017	0.17	0.001	0.004
cis-Ocimene	0.0145	0.145	0.003	0.008
gamma-terpinene	0.0142	0.142	0.003	0.008
Cineole	0.004	0.04	0.004	0.012
3-Carene	ND	ND	0.003	0.008
Isopulegol	ND	ND	0.008	0.024
Geraniol	ND	ND	0.011	0.032
cis-Nerolidol	ND	ND	0.003	0.011
Carophyllene Oxide	ND	ND	0.011	0.033
Guaiol	ND	ND	0.007	0.020
Total Terpenes	1.5883	15.883		

Moisture

PASS

Water Activity and Moisture Content Analysis | Test ID: #40423

Analyte	Result	Limit	Pass/Fail
Moisture (%)	9.21	15	PASS
Water Activity (Aw)	0.46	0.65	PASS

Heavy Metals

PASS

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS) - Limit units: µg/kg | Test ID: #40416

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: #40418

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: #40417

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
 5/5/2024



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