



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

Certificate of Analysis

Client Name: Southern Sky Supply
License Number: CULV000845

Sample ID: MS131
METRC ID: 1A42301000004B1000000056
Sample Description:
Sample Name: Punch Breath
Sample Matrix: Flower
Date Received: 1/24/2023
Date Reported: 2/5/2023



Cannabinoids PASS

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC) | Test ID: #1094

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	0.0455	0.455	0.043	0.43	0.0000	0.0001
CBDV	ND	ND	ND	ND	0.0001	0.0001
CBG	0.0708	0.708	0.0669	0.669	0.0000	0.0001
CBGA	1.5678	15.678	1.4811	14.811	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	0.7172	7.172	0.6775	6.775	0.0000	0.0001
THCA	19.7591	197.591	18.6664	186.664	0.0000	0.0001
THCV	ND	ND	ND	ND	0.0000	0.0001

Total Cannabinoids				
	% (Dry)	mg/g (Dry)	%	mg/g
Total THC:	18.046	180.459	17.048	170.479
Total Cannabinoids:	22.160	221.604	20.935	209.349

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

Moisture PASS

Water Activity and Moisture Content Analysis | Test ID: #1097

Analyte	Result (%)	Limit	Pass/Fail
Moisture	5.53	15	PASS
Water Activity	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: #1096

Analyte	Pass/Fail	Result (ug/kg)	Limit	LOD (ug/kg)	LOQ (ug/kg)
Arsenic	Pass	ND	0	0.020	0.100
Cadmium	Pass	ND	0	0.020	0.100
Lead	Pass	0.107	1	0.020	0.100
Mercury	Pass	ND	1	0.020	0.100



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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Pesticides PASS

Residual pesticide analysis utilizing Liquid and Gas Chromatography – Mass Spectrometry (LC-MSMS + GC-MSMS) - Limit units: ug/g = ppm | Test ID: #1099

Analyte	Pass/Fail	Result (µg/g)	Limit	LOD (µg/g)	LOQ (µg/g)
Abamectin	PASS	ND	0.500	0.002	0.007
Acephate	PASS	ND	0.400	0.002	0.007
Acequinocyl	PASS	ND	2.000	0.002	0.006
Acetamiprid	PASS	ND	0.200	0.002	0.007
Aldicarb	PASS	ND	0.400	0.002	0.006
Azoxystrobin	PASS	ND	0.200	0.002	0.007
Bifenazate	PASS	ND	0.200	0.002	0.007
Bifenthrin	PASS	ND	0.200	0.002	0.007
Boscalid	PASS	ND	0.400	0.002	0.007
Carbaryl	PASS	ND	0.200	0.002	0.007
Carbofuran	PASS	ND	0.200	0.002	0.007
Chlorantraniliprole	PASS	ND	0.200	0.002	0.007
Chlorfenapyr	PASS	ND	1.000	0.002	0.007
Chlorpyrifos	PASS	ND	0.200	0.002	0.007
Clofentezine	PASS	ND	0.200	0.002	0.007
Cyfluthrin	PASS	ND	1.000	0.003	0.008
Cypermethrin	PASS	ND	1.000	0.003	0.008
Daminozide	PASS	ND	1.000	0.002	0.007
Diazinon	PASS	ND	0.200	0.002	0.007
Dichlorvos	PASS	ND	0.100	0.002	0.007
Dimethoate	PASS	ND	0.200	0.002	0.007
Ethoprophos	PASS	ND	0.200	0.002	0.007
Etofenprox	PASS	ND	0.400	0.002	0.007
Etoxazole	PASS	ND	0.200	0.002	0.007
Fenoxycarb	PASS	ND	0.200	0.002	0.007
Fenproximate	PASS	ND	0.400	0.002	0.007
Fipronil	PASS	ND	0.400	0.002	0.007
Fonicamid	PASS	ND	1.000	0.002	0.007
Fludioxonil	PASS	ND	0.400	0.003	0.007
Hexythiazox	PASS	ND	1.000	0.002	0.007
Imazalil	PASS	ND	0.200	0.002	0.007
Imidacloprid	PASS	ND	0.400	0.002	0.007
Kresoxim-methyl	PASS	ND	0.400	0.002	0.007
Malathion	PASS	ND	0.200	0.002	0.007
Metalaxyl	PASS	ND	0.200	0.002	0.007
Methiocarb	PASS	ND	0.200	0.002	0.007
Methomyl	PASS	ND	0.400	0.002	0.007
Methyl parathion	PASS	ND	0.200	0.002	0.007
Myclobutanil	PASS	ND	0.200	0.002	0.007
Naled	PASS	ND	0.500	0.002	0.007
Oxamyl	PASS	ND	1.000	0.002	0.007
Paclobutrazol	PASS	ND	0.400	0.002	0.007
Permethrins	PASS	ND	0.200	0.002	0.007
Phosmet	PASS	ND	0.200	0.002	0.007
Piperonyl Butoxide	PASS	ND	2.000	0.002	0.007
Prallethrin	PASS	ND	0.200	0.002	0.007
Propiconazole	PASS	ND	0.400	0.002	0.007
Propoxur	PASS	ND	0.200	0.002	0.006
Pyrethrins	PASS	ND	1.000	0.002	0.007
Pyridaben	PASS	ND	0.200	0.002	0.007
Spinosad	PASS	ND	0.200	0.002	0.007
Spiromesifen	PASS	ND	0.200	0.002	0.007
Spirotetramat	PASS	ND	0.200	0.002	0.007
Spiroxamine	PASS	ND	0.400	0.002	0.007
Tebuconazole	PASS	ND	0.400	0.002	0.007
Thiacloprid	PASS	ND	0.200	0.002	0.007
Thiamethoxam	PASS	ND	0.200	0.002	0.007
Trifloxystrobin	PASS	ND	0.200	0.002	0.007



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Mycotoxins PASS

Mycotoxins (LC-MSMS + GC-MSMS) - Limit units: ug/g = ppm | Test ID: #1098

Analyte	Pass/Fail	Result (µg/g)	Limit	LOD (µg/g)
Aflatoxin B1	PASS	ND	0.002	0.002
Aflatoxin B2	PASS	ND	0.002	0.002
Aflatoxin G1	PASS	ND	0.002	0.002
Aflatoxin G2	PASS	ND	0.002	0.002
Ochratoxin A	PASS	ND	0.002	0.002

Microbials

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	Detectable in 1 gram	Pass
Total E.Coli	ND	100 CFU/g	Pass

Foreign Material PASS

Foreign Matter Inspection

Analyte	Pass/Fail
Foreign Matter	PASS

Jeanna Dampier, Ph.D.
 Laboratory Director
 Date: 2/5/2023



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