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

Regulatory Compliance Testing Certificate of Analysis

Client Name: Rolling Pines
Client Address: 2672 A Lower Centreville Rd, Liberty, MS 39645
License Number: MCUL002757 / MPRC001303

Sample Name: Sugar Nooks 10mg Pieces - Blue Raspberry
Sample ID: MS8742
METRC ID (LOT#): 1A4230100007851000000102
Batch Number: 1A4230100007851000000063
Sample Matrix: Edibles
Total Batch Size (#), Units in Batch (count):
Total Sample Weight (g), Units Sampled (count): 15
Sample Density(g/ml):
Servings Per Container (#): 10
Serving Mass (g): 1.9542
Grams per Package: 19.5
Date Sampled: 11/27/2024
Date Received: 11/27/2024
Date Reported: 12/7/2024

Sample Result: PASS

Cannabinoids — PASS

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC) | Test ID: #71200

Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	0.0039	0.039	0.0019	0.0059
CBD	ND	ND	0.0028	0.0086
CBDA	ND	ND	0.0032	0.0095
CBDV	ND	ND	0.0035	0.0107
CBG	0.0207	0.207	0.0029	0.0088
CBGA	ND	ND	0.0030	0.0092
CBN	0.005	0.05	0.0028	0.0083
d8-THC	ND	ND	0.0023	0.0068
d9-THC	0.5657	5.657	0.0023	0.0069
THCA	ND	ND	0.0024	0.0071
THCV	ND	ND	0.0028	0.0085

Total Cannabinoids

	%	mg/g	mg/serving	mg/package
Total THC:	0.57	5.657	10.489	104.892
Total CBD:	--	--	0.000	0.000
Total CBG:	0.02	0.207	0.384	3.838
Total Cannabinoids:	0.59	5.953	11.038	110.381

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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Moisture — PASS

Water Activity and Moisture Content Analysis | Test ID: #71028

Analyte	Result	Limit	Pass/Fail
Moisture (%)	NT	NT	NT
Water Activity (Aw)	0.31	0.85	PASS

Heavy Metals — PASS

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS) - **Limit units: µg/kg** | Test ID: #71020

Analyte	Pass/Fail	Result (ug/g)	Limit	LOD (ug/g)	LOQ (ug/g)
Arsenic	Pass	0.098	1.500	0.016	0.050
Cadmium	Pass	ND	0.500	0.022	0.067
Chromium	Pass	ND	2.000	0.065	0.198
Copper	NT	NT	NT	0.083	0.251
Lead	Pass	ND	0.500	0.021	0.062
Mercury	Pass	ND	3.000	0.028	0.084
Nickel	NT	NT	NT	0.055	0.166

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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: #71022

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
Chlormequat 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
Flonicamid	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: #71021

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

Residual Solvents — Pass

Residual solvents and processing chemicals analysis utilizing Headspace Gas Chromatography – Mass Spectrometry (HS-GC-MS) - **Limit units: µg/g** | Test ID: #71023

Analyte	Pass/Fail	Result (µg/g)	Limit	LOD (µg/g)	LOQ (µg/g)
Propane	Pass	ND	5000	187.88	626.28
2-Methylpropane	Pass	ND	5000	93.50	311.66
n-Butane	Pass	ND	5000	99.75	332.51
Neopentane	Pass	ND	5000	248.23	827.43
Methanol	Pass	ND	3000	208.89	696.29
Isopentane	Pass	ND	5000	506.34	1687.79
n-Pentane	Pass	ND	5000	393.23	1310.76
Ethanol	Pass	<LOQ	5000	346.28	1154.27
Ethyl Ether	Pass	ND	5000	400.67	1335.56
2,2-Dimethylbutane	Pass	ND	290	56.50	188.34
Acetone	Pass	ND	1000	42.17	140.57
Isopropanol	Pass	ND	5000	260.56	868.52
Acetonitrile	Pass	ND	410	54.54	181.79
2,3-Dimethylbutane	Pass	ND	290	2.54	8.48
Dichloromethane	Pass	ND	600	14.22	47.41
2-Methylpentane	Pass	ND	290	47.80	159.35
3-Methylpentane	Pass	ND	290	53.27	177.57
n-Hexane	Pass	ND	290	49.79	165.98
Ethyl Acetate	Pass	ND	5000	334.29	1114.30
Chloroform	Pass	ND	60	1.04	3.46
Benzene	Pass	ND	2	0.18	0.61
Isopropyl Acetate	Pass	ND	5000	377.60	1258.67
n-Heptane	Pass	ND	5000	667.21	2224.02
Toluene	Pass	ND	890	68.95	229.84
Ethyl Benzene	Pass	ND	2170	181.59	605.30
m,p-Xylene	Pass	ND	2170	421.85	1406.18
o-Xylene	Pass	ND	2710	206.87	689.57
Total Xylene	Pass	ND	2170	6.90	22.99

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 Flavus1	ND	Detectable in 1 gram	Pass
Aspergillus Terrus	ND	Detectable in 1 gram	Pass
Shiga Toxin E.Coli	ND	Detectable in 1 gram	Pass
Salmonella	ND	Detectable in 1 gram	Pass
Total Yeast and Mold	0	10,000 CFU/g	Pass
Total Coliforms	0	100 CFU/g	Pass

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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
12/7/2024

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