

11711 HERMITAGE ROAD, SUITE #5  
 LITTLE ROCK, AR 72211  
 License #: BL157155  
 Phone: 501-516-8028

# Certificate of Analysis

**Client Name:** Soul CBD  
**Address:**  
**Phone:**  
**License Number:**

**Sample ID:** AR39650  
**Sample Name:** Sleepi Raspberry  
**Sample Matrix:** Edible  
**Date Received:** 11/27/2023  
**Batch ID:** NO3056  
**State ID:** 100232  
**Date Reported:** 11/30/2023  
**Package Mass:** 134.423g / 4.742oz  
**Servings:** 31

## Sample Result: PASS



### Cannabinoids

Standard potency analysis utilizing Ultra High Performance Liquid Chromatography (UHPLC; SOP-068-AR) | Test ID: #223247 | Analyst: PD

Analyte	%	mg/g	mg/serving	mg/package	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.00	0.01
CBCA	ND	ND	ND	ND	0.01	0.01
CBD	0.609	6.091	26.414	818.822	0.00	0.01
CBDa	ND	ND	ND	ND	0.00	0.01
CBDV	0.002	0.016	0.068	2.103	0.00	0.01
CBDVA	ND	ND	ND	ND	0.00	0.01
CBG	ND	ND	ND	ND	0.00	0.01
CBGA	ND	ND	ND	ND	0.00	0.00
CBN	0.117	1.166	5.055	156.693	0.01	0.01
9-THC	ND	ND	ND	ND	0.01	0.03
delta-8-THC	ND	ND	ND	ND	0.02	0.05
THCA	ND	ND	ND	ND	0.01	0.02
THCV	ND	ND	ND	ND	0.00	0.01
THCVA	ND	ND	ND	ND	0.01	0.03

Total Cannabinoids				
	%	mg/g	mg/serving	mg/package
Total THC:	ND	ND	ND	ND
Total CBD:	0.609	6.091	26.414	818.822
Total Cannabinoids:	0.727	7.273	31.536	977.618



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Determination of Pass/Fail is based on RULES AND REGULATIONS GOVERNING MEDICAL MARIJUANA REGISTRATION, TESTING, AND LABELING IN ARKANSAS. Steep Hill Arkansas 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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## Residual Solvents

**PASS**

 Residual solvents and processing chemicals analysis utilizing Headspace Gas Chromatography – Mass Spectrometry (HS-GC-MS; SOP-010-AR) - **Limit units: µg/g** | Test ID: #223252 | Analyst: PG

Analyte	Pass/Fail	Result (µg/g)	Limit	LOD (µg/g)	LOQ (µg/g)
1-Butanol	PASS	ND	5000	48.961	163.205
1-Pentanol	PASS	ND	5000	48.961	163.205
1-Propanol	PASS	ND	5000	48.961	163.205
1,2-Dimethoxyethane	PASS	ND	100	3.280	10.935
1,4-Dioxane	PASS	ND	380	3.280	10.935
2-Butanol	PASS	ND	5000	48.961	163.205
2-Butanone	PASS	ND	5000	48.961	163.205
2-Ethoxyethanol	PASS	ND	160	6.561	21.869
2-Methylbutane	PASS	ND	5000	48.961	163.205
2-Methylpentane	PASS	ND	290	3.280	10.935
2-Propanol (IPA)	PASS	ND	5000	48.961	163.205
2,2-Dimethylbutane	PASS	ND	290	3.280	10.935
2,3-Dimethylbutane	PASS	ND	290	3.280	10.935
3-Methylpentane	PASS	ND	290	3.280	10.935
Acetone	PASS	ND	5000	48.961	163.205
Acetonitrile	PASS	ND	410	3.280	10.935
Benzene	PASS	ND	2	0.212	0.685
n-Butane	PASS	ND	5000	48.961	163.205
Cumene	PASS	ND	70	3.280	10.935
Cyclohexane	PASS	ND	3880	48.961	163.205
Dichloromethane	PASS	ND	600	6.022	20.074
Dimethyl Sulfoxide	PASS	ND	5000	48.961	163.205
Ethanol	PASS	ND	5000	48.961	163.205
Ethyl Acetate	PASS	ND	5000	48.961	163.205
Ethyl Ether	PASS	ND	5000	48.961	163.205
Ethylene Glycol	PASS	ND	620	23.714	79.056
Ethylene Oxide	PASS	ND	50	3.280	10.935
n-Heptane	PASS	ND	5000	48.961	163.205
n-Hexane	PASS	ND	290	3.280	10.935
Isopropyl Acetate	PASS	ND	5000	48.961	163.205
Methanol	PASS	ND	3000	48.961	163.205
Methylpropane	PASS	ND	5000	48.961	163.205
N,N-Dimethylacetamide	PASS	ND	1090	13.122	43.739
N,N-Dimethylformamide	PASS	ND	880	13.122	43.739
n-Pentane	PASS	ND	5000	48.961	163.205
Propane	PASS	ND	5000	48.961	163.205
Pyridine	PASS	ND	200	6.561	21.869
Sulfolane	PASS	ND	160	23.714	79.056
Tetrahydrofuran	PASS	ND	720	3.280	10.935
Toluene	PASS	ND	890	3.280	10.935
Xylenes	PASS	ND	2170	48.961	163.205



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## Pesticides

**PASS**

Residual pesticide analysis utilizing Liquid and Gas Chromatography – Mass Spectrometry (LC-MSMS + GC-MSMS; SOP-070-AR + SOP-073-AR) - Limit units: ug/g = ppm | Test ID: #223251 | Analyst: PG

Analyte	Pass/Fail	Result (µg/g)	Limit	LOD (µg/g)	LOQ (µg/g)
Abamectin	PASS	ND	0.500	0.033	0.111
Acephate	PASS	ND	0.400	0.024	0.079
Acequinocyl	PASS	ND	2.000	0.134	0.446
Acetamiprid	PASS	ND	0.200	0.024	0.079
Aldicarb	PASS	ND	0.400	0.017	0.055
Azoxystrobin	PASS	ND	0.200	0.021	0.071
Bifenazate	PASS	ND	0.200	0.015	0.050
Bifenthrin	PASS	ND	0.200	0.034	0.112
Boscalid	PASS	ND	0.400	0.038	0.127
Carbaryl	PASS	ND	0.200	0.014	0.048
Carbofuran	PASS	ND	0.200	0.017	0.056
Chlorantraniliprole	PASS	ND	0.200	0.026	0.087
Chlorfenapyr	PASS	ND	1.000	0.027	0.078
Chlorpyrifos	PASS	ND	0.200	0.024	0.081
Clofentezine	PASS	ND	0.200	0.034	0.112
Cyfluthrin	PASS	ND	1.000	0.041	0.119
Cypermethrin	PASS	ND	1.000	0.041	0.123
Daminozide	PASS	ND	1.000	0.049	0.163
Diazinon	PASS	ND	0.200	0.017	0.058
DDVP (Dichlorvos)	PASS	ND	0.100	0.023	0.076
Dimethoate	PASS	ND	0.200	0.024	0.078
Ethoprophos	PASS	ND	0.200	0.023	0.078
Etofenprox	PASS	ND	0.400	0.033	0.110
Etoazole	PASS	ND	0.200	0.027	0.089
Fenoxycarb	PASS	ND	0.200	0.021	0.070
Fenproxiimate	PASS	ND	0.400	0.017	0.057
Fipronil	PASS	ND	0.400	0.033	0.110
Flonicamid	PASS	ND	1.000	0.042	0.141
Fludioxonil	PASS	ND	0.400	0.040	0.133
Hexythiazox	PASS	ND	1.000	0.018	0.059
Imazalil	PASS	ND	0.200	0.039	0.130
Imidacloprid	PASS	ND	0.400	0.018	0.061
Kresoxim-methyl	PASS	ND	0.400	0.016	0.054
Malathion	PASS	ND	0.200	0.011	0.038
Metalaxyl	PASS	ND	0.200	0.017	0.056
Methiocarb	PASS	ND	0.200	0.016	0.053
Methomyl	PASS	ND	0.400	0.024	0.080
Methyl parathion	PASS	ND	0.200	0.027	0.078
MGK-264	PASS	ND	0.200	0.008	0.028
Myclobutanil	PASS	ND	0.200	0.020	0.067
Naled	PASS	ND	0.500	0.036	0.120
Oxamyl	PASS	ND	1.000	0.034	0.113
Pacllobutrazol	PASS	ND	0.400	0.028	0.095
Permethrins	PASS	ND	0.200	0.025	0.073
Phosmet	PASS	ND	0.200	0.025	0.084
Piperonyl Butoxide	PASS	ND	2.000	0.017	0.055
Prallethrin	PASS	ND	0.200	0.017	0.055
Propiconazole	PASS	ND	0.400	0.012	0.039
Propoxur	PASS	ND	0.200	0.013	0.043
Pyrethrins	PASS	ND	1.000	0.055	0.182
Pyridaben	PASS	ND	0.200	0.027	0.092
Spinosad	PASS	ND	0.200	0.031	0.104
Spiromesifen	PASS	ND	0.200	0.027	0.090
Spirotetramat	PASS	ND	0.200	0.013	0.044
Spiroxamine	PASS	ND	0.400	0.040	0.134
Tebuconazole	PASS	ND	0.400	0.012	0.040
Thiacloprid	PASS	ND	0.200	0.014	0.047
Thiamethoxam	PASS	ND	0.200	0.014	0.047
Trifloxystrobin	PASS	ND	0.200	0.017	0.057



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## Heavy Metals PASS

 Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS; SOP-072-AR) - **Limit units: µg/kg** | Test ID: #223249 | Analyst: SS

Analyte	Pass/Fail	Result (ug/kg)	Limit	LOD (ug/kg)	LOQ (ug/kg)
Arsenic	PASS	ND	200	10.222	32.711
Cadmium	PASS	ND	200	10.222	32.711
Lead	PASS	ND	500	24.533	81.778
Mercury	PASS	ND	100	4.089	16.356

## Microbials PASS

 Microbiological screening utilizing 3M Petrifilm (SOP-700-AR) - **Limit units: CFU/g** | Test ID: #223250 | Analyst: PD

Analyte	Pass/Fail	Result	Limit	LOQ
Coliform	PASS	ND	>0	8,396
General E. Coli	NT	NT	NT	NT




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Brandon Thornton  
 Pharm D. Co-Owner & CEO  
 Date: 11/30/2023



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