

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:** AR38658  
**Sample Name:** 1000mg Raspberry Lemonade  
**Sample Matrix:** Tincture  
**Date Received:** 11/1/2023  
**Batch ID:** 100203  
**State ID:** 100194  
**Date Reported:** 11/7/2023  
**Density:** 0.98  
**Package Volume:** 30.0  
**Servings:** 30

## Sample Result: PASS



### Cannabinoids

Standard potency analysis utilizing Ultra High Performance Liquid Chromatography (UHPLC; SOP-068-AR) | Test ID: #217546 | Analyst: NK

Analyte	%	mg/g	mg/ml	mg/serving	mg/package	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	ND	0.01	0.04
CBCA	ND	ND	ND	ND	ND	0.02	0.06
CBD	3.75	37.5	36.848	36.848	1105.44	0.01	0.05
CBDA	ND	ND	ND	ND	ND	0.01	0.02
CBDV	0.017	0.165	0.162	0.162	4.86	0.01	0.02
CBDVA	ND	ND	ND	ND	ND	0.01	0.04
CBG	ND	ND	ND	ND	ND	0.01	0.02
CBGA	ND	ND	ND	ND	ND	0.00	0.01
CBN	ND	ND	ND	ND	ND	0.02	0.05
9-THC	ND	ND	ND	ND	ND	0.03	0.10
delta-8-THC	ND	ND	ND	ND	ND	0.06	0.19
THCA	ND	ND	ND	ND	ND	0.03	0.09
THCV	ND	ND	ND	ND	ND	0.01	0.03
THCA	ND	ND	ND	ND	ND	0.04	0.12

Total Cannabinoids					
	%	mg/g	mg/ml	mg/serving	mg/package
Total THC:	ND	ND	ND	ND	ND
Total CBD:	3.75	37.5	36.848	36.848	1105.432
Total Cannabinoids:	3.767	37.665	37.01	37.01	1110.3



Sample ID: AR38658

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.



Accreditation # 97338

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

# Certificate of Analysis

## 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: #217550 | Analyst: NK

Analyte	Pass/Fail	Result (µg/g)	Limit	LOD (µg/g)	LOQ (µg/g)
1-Butanol	PASS	ND	5000	75.850	252.832
1-Pentanol	PASS	ND	5000	75.850	252.832
1-Propanol	PASS	ND	5000	75.850	252.832
1,2-Dimethoxyethane	PASS	ND	100	5.082	16.940
1,4-Dioxane	PASS	ND	380	5.082	16.940
2-Butanol	PASS	ND	5000	75.850	252.832
2-Butanone	PASS	ND	5000	75.850	252.832
2-Ethoxyethanol	PASS	ND	160	10.164	33.879
2-Methylbutane	PASS	ND	5000	75.850	252.832
2-Methylpentane	PASS	ND	290	5.082	16.940
2-Propanol (IPA)	PASS	ND	5000	75.850	252.832
2,2-Dimethylbutane	PASS	ND	290	5.082	16.940
2,3-Dimethylbutane	PASS	ND	290	5.082	16.940
3-Methylpentane	PASS	ND	290	5.082	16.940
Acetone	PASS	ND	5000	75.850	252.832
Acetonitrile	PASS	ND	410	5.082	16.940
Benzene	PASS	ND	2	0.329	1.062
n-Butane	PASS	ND	5000	75.850	252.832
Cumene	PASS	ND	70	5.082	16.940
Cyclohexane	PASS	ND	3880	75.850	252.832
Dichloromethane	PASS	ND	600	9.329	31.098
Dimethyl Sulfoxide	PASS	ND	5000	75.850	252.832
Ethanol	PASS	ND	5000	75.850	252.832
Ethyl Acetate	PASS	ND	5000	75.850	252.832
Ethyl Ether	PASS	ND	5000	75.850	252.832
Ethylene Glycol	PASS	ND	620	36.736	122.472
Ethylene Oxide	PASS	ND	50	5.082	16.940
n-Heptane	PASS	ND	5000	75.850	252.832
n-Hexane	PASS	ND	290	5.082	16.940
Isopropyl Acetate	PASS	ND	5000	75.850	252.832
Methanol	PASS	ND	3000	75.850	252.832
Methylpropane	PASS	ND	5000	75.850	252.832
N,N-Dimethylacetamide	PASS	ND	1090	20.328	67.759
N,N-Dimethylformamide	PASS	ND	880	20.328	67.759
n-Pentane	PASS	ND	5000	75.850	252.832
Propane	PASS	ND	5000	75.850	252.832
Pyridine	PASS	ND	200	10.164	33.879
Sulfolane	PASS	ND	160	36.736	122.472
Tetrahydrofuran	PASS	ND	720	5.082	16.940
Toluene	PASS	ND	890	5.082	16.940
Xylenes	PASS	ND	2170	75.850	252.832



Sample ID: AR38658

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.



Accreditation # 97338

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

# Certificate of Analysis

## 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: #217549 | Analyst: NK

Analyte	Pass/Fail	Result (µg/g)	Limit	LOD (µg/g)	LOQ (µg/g)
Abamectin	PASS	ND	0.500	0.032	0.107
Acephate	PASS	ND	0.400	0.023	0.076
Acequinocyl	PASS	ND	2.000	0.130	0.432
Acetamiprid	PASS	ND	0.200	0.023	0.077
Aldicarb	PASS	ND	0.400	0.016	0.054
Azoxystrobin	PASS	ND	0.200	0.021	0.069
Bifenazate	PASS	ND	0.200	0.014	0.048
Bifenthrin	PASS	ND	0.200	0.033	0.109
Boscalid	PASS	ND	0.400	0.037	0.123
Carbaryl	PASS	ND	0.200	0.014	0.046
Carbofuran	PASS	ND	0.200	0.016	0.054
Chlorantraniliprole	PASS	ND	0.200	0.025	0.085
Chlorfenapyr	PASS	ND	1.000	0.026	0.076
Chlorpyrifos	PASS	ND	0.200	0.024	0.078
Clofentezine	PASS	ND	0.200	0.033	0.108
Cyfluthrin	PASS	ND	1.000	0.040	0.116
Cypermethrin	PASS	ND	1.000	0.040	0.119
Daminozide	PASS	ND	1.000	0.047	0.158
Diazinon	PASS	ND	0.200	0.017	0.056
DDVP (Dichlorvos)	PASS	ND	0.100	0.022	0.074
Dimethoate	PASS	ND	0.200	0.023	0.075
Ethoprophos	PASS	ND	0.200	0.023	0.075
Etofenprox	PASS	ND	0.400	0.032	0.106
Etoxazole	PASS	ND	0.200	0.026	0.086
Fenoxycarb	PASS	ND	0.200	0.021	0.068
Fenproximate	PASS	ND	0.400	0.017	0.055
Fipronil	PASS	ND	0.400	0.032	0.107
Flonicamid	PASS	ND	1.000	0.041	0.136
Fludioxonil	PASS	ND	0.400	0.039	0.129
Hexythiazox	PASS	ND	1.000	0.017	0.057
Imazalil	PASS	ND	0.200	0.038	0.126
Imidacloprid	PASS	ND	0.400	0.018	0.059
Kresoxim-methyl	PASS	ND	0.400	0.016	0.053
Malathion	PASS	ND	0.200	0.011	0.037
Metalaxyl	PASS	ND	0.200	0.016	0.054
Methiocarb	PASS	ND	0.200	0.016	0.052
Methomyl	PASS	ND	0.400	0.023	0.078
Methyl parathion	PASS	ND	0.200	0.026	0.076
MGK-264	PASS	ND	0.200	0.008	0.027
Myclobutanil	PASS	ND	0.200	0.020	0.065
Naled	PASS	ND	0.500	0.035	0.116
Oxamyl	PASS	ND	1.000	0.033	0.110
Pacllobutrazol	PASS	ND	0.400	0.028	0.092
Permethrins	PASS	ND	0.200	0.024	0.071
Phosmet	PASS	ND	0.200	0.024	0.081
Piperonyl Butoxide	PASS	ND	2.000	0.016	0.053
Prallethrin	PASS	ND	0.200	0.016	0.054
Propiconazole	PASS	ND	0.400	0.011	0.038
Propoxur	PASS	ND	0.200	0.012	0.042
Pyrethrins	PASS	ND	1.000	0.053	0.177
Pyridaben	PASS	ND	0.200	0.027	0.089
Spinosad	PASS	ND	0.200	0.030	0.101
Spiromesifen	PASS	ND	0.200	0.026	0.087
Spirotetramat	PASS	ND	0.200	0.013	0.042
Spiroxamine	PASS	ND	0.400	0.039	0.130
Tebuconazole	PASS	ND	0.400	0.012	0.039
Thiacloprid	PASS	ND	0.200	0.014	0.045
Thiamethoxam	PASS	ND	0.200	0.014	0.045
Trifloxystrobin	PASS	ND	0.200	0.017	0.056



Sample ID: AR38658

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.



Accreditation # 97338

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

# Certificate of Analysis

## Heavy Metals PASS


 Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS; SOP-072-AR) - **Limit units: µg/kg** | Test ID: #217547 | Analyst: NK

Analyte	Pass/Fail	Result (ug/kg)	Limit	LOD (ug/kg)	LOQ (ug/kg)
Arsenic	PASS	ND	200	8.942	28.616
Cadmium	PASS	ND	200	8.942	28.616
Lead	PASS	< LOQ	500	21.462	71.540
Mercury	PASS	ND	100	3.577	14.308

## Microbials PASS

 Microbiological screening utilizing 3M Petrifilm (SOP-700-AR) - **Limit units: CFU/g** | Test ID: #217548 | Analyst: PD

Analyte	Pass/Fail	Result	Limit	LOQ
Coliform	PASS	ND	>0	8.820
General E. Coli	NT	NT	NT	NT




---

Brandon Thornton  
 Pharm D. Co-Owner & CEO  
 Date: 11/7/2023



Sample ID: AR38658

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.



Accreditation # 97338