

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: AR38657
Sample Name: 500mg Raspberry Lemonade
Sample Matrix: Tincture
Date Received: 11/1/2023
Batch ID: 230702
State ID: 100203
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: #217541 | Analyst: NK

| Analyte | % | mg/g | mg/ml | mg/serving | mg/package | LOD (mg/g) | LOQ (mg/g) |
|-------------|-------|--------|--------|------------|------------|------------|------------|
| CBC | ND | ND | ND | ND | ND | 0.02 | 0.05 |
| CBCA | ND | ND | ND | ND | ND | 0.02 | 0.07 |
| CBD | 1.921 | 19.207 | 18.865 | 18.865 | 565.95 | 0.02 | 0.05 |
| CBDA | ND | ND | ND | ND | ND | 0.01 | 0.03 |
| CBDV | 0.01 | 0.104 | 0.102 | 0.102 | 3.06 | 0.01 | 0.03 |
| CBDVA | ND | ND | ND | ND | ND | 0.02 | 0.05 |
| CBG | ND | ND | ND | ND | ND | 0.01 | 0.02 |
| CBGA | ND | ND | ND | ND | ND | 0.01 | 0.01 |
| CBN | ND | ND | ND | ND | ND | 0.02 | 0.06 |
| 9-THC | ND | ND | ND | ND | ND | 0.04 | 0.12 |
| delta-8-THC | ND | ND | ND | ND | ND | 0.07 | 0.22 |
| THCA | ND | ND | ND | ND | ND | 0.03 | 0.10 |
| THCV | ND | ND | ND | ND | ND | 0.01 | 0.04 |
| THCA | ND | ND | ND | ND | ND | 0.05 | 0.15 |

| Total Cannabinoids | | | | | |
|---------------------|-------|--------|--------|------------|------------|
| | % | mg/g | mg/ml | mg/serving | mg/package |
| Total THC: | ND | ND | ND | ND | ND |
| Total CBD: | 1.921 | 19.207 | 18.865 | 18.865 | 565.941 |
| Total Cannabinoids: | 1.931 | 19.311 | 18.967 | 18.967 | 569.004 |



Sample ID: AR38657

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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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: #217545 | Analyst: NK

| Analyte | Pass/Fail | Result (µg/g) | Limit | LOD (µg/g) | LOQ (µg/g) |
|-----------------------|-----------|---------------|-------|------------|------------|
| 1-Butanol | PASS | ND | 5000 | 70.667 | 235.557 |
| 1-Pentanol | PASS | ND | 5000 | 70.667 | 235.557 |
| 1-Propanol | PASS | ND | 5000 | 70.667 | 235.557 |
| 1,2-Dimethoxyethane | PASS | ND | 100 | 4.735 | 15.782 |
| 1,4-Dioxane | PASS | ND | 380 | 4.735 | 15.782 |
| 2-Butanol | PASS | ND | 5000 | 70.667 | 235.557 |
| 2-Butanone | PASS | ND | 5000 | 70.667 | 235.557 |
| 2-Ethoxyethanol | PASS | ND | 160 | 9.469 | 31.565 |
| 2-Methylbutane | PASS | ND | 5000 | 70.667 | 235.557 |
| 2-Methylpentane | PASS | ND | 290 | 4.735 | 15.782 |
| 2-Propanol (IPA) | PASS | ND | 5000 | 70.667 | 235.557 |
| 2,2-Dimethylbutane | PASS | ND | 290 | 4.735 | 15.782 |
| 2,3-Dimethylbutane | PASS | ND | 290 | 4.735 | 15.782 |
| 3-Methylpentane | PASS | ND | 290 | 4.735 | 15.782 |
| Acetone | PASS | ND | 5000 | 70.667 | 235.557 |
| Acetonitrile | PASS | ND | 410 | 4.735 | 15.782 |
| Benzene | PASS | ND | 2 | 0.306 | 0.989 |
| n-Butane | PASS | ND | 5000 | 70.667 | 235.557 |
| Cumene | PASS | ND | 70 | 4.735 | 15.782 |
| Cyclohexane | PASS | ND | 3880 | 70.667 | 235.557 |
| Dichloromethane | PASS | ND | 600 | 8.692 | 28.974 |
| Dimethyl Sulfoxide | PASS | ND | 5000 | 70.667 | 235.557 |
| Ethanol | PASS | ND | 5000 | 70.667 | 235.557 |
| Ethyl Acetate | PASS | ND | 5000 | 70.667 | 235.557 |
| Ethyl Ether | PASS | ND | 5000 | 70.667 | 235.557 |
| Ethylene Glycol | PASS | ND | 620 | 34.227 | 114.104 |
| Ethylene Oxide | PASS | ND | 50 | 4.735 | 15.782 |
| n-Heptane | PASS | ND | 5000 | 70.667 | 235.557 |
| n-Hexane | PASS | ND | 290 | 4.735 | 15.782 |
| Isopropyl Acetate | PASS | ND | 5000 | 70.667 | 235.557 |
| Methanol | PASS | ND | 3000 | 70.667 | 235.557 |
| Methylpropane | PASS | ND | 5000 | 70.667 | 235.557 |
| N,N-Dimethylacetamide | PASS | ND | 1090 | 18.939 | 63.129 |
| N,N-Dimethylformamide | PASS | ND | 880 | 18.939 | 63.129 |
| n-Pentane | PASS | ND | 5000 | 70.667 | 235.557 |
| Propane | PASS | ND | 5000 | 70.667 | 235.557 |
| Pyridine | PASS | ND | 200 | 9.469 | 31.565 |
| Sulfolane | PASS | ND | 160 | 34.227 | 114.104 |
| Tetrahydrofuran | PASS | ND | 720 | 4.735 | 15.782 |
| Toluene | PASS | ND | 890 | 4.735 | 15.782 |
| Xylenes | PASS | ND | 2170 | 70.667 | 235.557 |



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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: #217544 | Analyst: PG

| Analyte | Pass/Fail | Result (µg/g) | Limit | LOD (µg/g) | LOQ (µg/g) |
|---------------------|-----------|---------------|-------|------------|------------|
| Abamectin | PASS | ND | 0.500 | 0.035 | 0.117 |
| Acephate | PASS | ND | 0.400 | 0.025 | 0.083 |
| Acequinocyl | PASS | ND | 2.000 | 0.142 | 0.471 |
| Acetamiprid | PASS | ND | 0.200 | 0.025 | 0.084 |
| Aldicarb | PASS | ND | 0.400 | 0.018 | 0.058 |
| Azoxystrobin | PASS | ND | 0.200 | 0.023 | 0.076 |
| Bifenazate | PASS | ND | 0.200 | 0.016 | 0.053 |
| Bifenthrin | PASS | ND | 0.200 | 0.036 | 0.119 |
| Boscalid | PASS | ND | 0.400 | 0.040 | 0.135 |
| Carbaryl | PASS | ND | 0.200 | 0.015 | 0.050 |
| Carbofuran | PASS | ND | 0.200 | 0.018 | 0.059 |
| Chlorantraniliprole | PASS | ND | 0.200 | 0.028 | 0.092 |
| Chlorfenapyr | PASS | ND | 1.000 | 0.028 | 0.083 |
| Chlorpyrifos | PASS | ND | 0.200 | 0.026 | 0.086 |
| Clofentezine | PASS | ND | 0.200 | 0.035 | 0.118 |
| Cyfluthrin | PASS | ND | 1.000 | 0.043 | 0.126 |
| Cypermethrin | PASS | ND | 1.000 | 0.043 | 0.130 |
| Daminozide | PASS | ND | 1.000 | 0.052 | 0.173 |
| Diazinon | PASS | ND | 0.200 | 0.018 | 0.061 |
| DDVP (Dichlorvos) | PASS | ND | 0.100 | 0.024 | 0.081 |
| Dimethoate | PASS | ND | 0.200 | 0.025 | 0.082 |
| Ethoprophos | PASS | ND | 0.200 | 0.025 | 0.082 |
| Etofenprox | PASS | ND | 0.400 | 0.035 | 0.116 |
| Etoazole | PASS | ND | 0.200 | 0.028 | 0.094 |
| Fenoxycarb | PASS | ND | 0.200 | 0.022 | 0.075 |
| Fenpyroximate | PASS | ND | 0.400 | 0.018 | 0.060 |
| Fipronil | PASS | ND | 0.400 | 0.035 | 0.117 |
| Flonicamid | PASS | ND | 1.000 | 0.045 | 0.149 |
| Fludioxonil | PASS | ND | 0.400 | 0.042 | 0.141 |
| Hexythiazox | PASS | ND | 1.000 | 0.019 | 0.062 |
| Imazalil | PASS | ND | 0.200 | 0.041 | 0.137 |
| Imidacloprid | PASS | ND | 0.400 | 0.019 | 0.065 |
| Kresoxim-methyl | PASS | ND | 0.400 | 0.017 | 0.057 |
| Malathion | PASS | ND | 0.200 | 0.012 | 0.040 |
| Metalaxyl | PASS | ND | 0.200 | 0.018 | 0.059 |
| Methiocarb | PASS | ND | 0.200 | 0.017 | 0.057 |
| Methomyl | PASS | ND | 0.400 | 0.025 | 0.085 |
| Methyl parathion | PASS | ND | 0.200 | 0.028 | 0.083 |
| MGK-264 | PASS | ND | 0.200 | 0.009 | 0.030 |
| Myclobutanil | PASS | ND | 0.200 | 0.021 | 0.071 |
| Naled | PASS | ND | 0.500 | 0.038 | 0.127 |
| Oxamyl | PASS | ND | 1.000 | 0.036 | 0.119 |
| Pacllobutrazol | PASS | ND | 0.400 | 0.030 | 0.100 |
| Permethrins | PASS | ND | 0.200 | 0.026 | 0.077 |
| Phosmet | PASS | ND | 0.200 | 0.027 | 0.089 |
| Piperonyl Butoxide | PASS | ND | 2.000 | 0.017 | 0.058 |
| Prallethrin | PASS | ND | 0.200 | 0.018 | 0.058 |
| Propiconazole | PASS | ND | 0.400 | 0.012 | 0.041 |
| Propoxur | PASS | ND | 0.200 | 0.014 | 0.045 |
| Pyrethrins | PASS | ND | 1.000 | 0.058 | 0.193 |
| Pyridaben | PASS | ND | 0.200 | 0.029 | 0.097 |
| Spinosad | PASS | ND | 0.200 | 0.033 | 0.110 |
| Spiromesifen | PASS | ND | 0.200 | 0.029 | 0.095 |
| Spirotetramat | PASS | ND | 0.200 | 0.014 | 0.046 |
| Spiroxamine | PASS | ND | 0.400 | 0.042 | 0.141 |
| Tebuconazole | PASS | ND | 0.400 | 0.013 | 0.042 |
| Thiacloprid | PASS | ND | 0.200 | 0.015 | 0.049 |
| Thiamethoxam | PASS | ND | 0.200 | 0.015 | 0.049 |
| Trifloxystrobin | PASS | ND | 0.200 | 0.018 | 0.061 |



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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: #217542 | Analyst: NK

| Analyte | Pass/Fail | Result (ug/kg) | Limit | LOD (ug/kg) | LOQ (ug/kg) |
|---------|-----------|----------------|-------|-------------|-------------|
| Arsenic | PASS | ND | 200 | 8.572 | 27.432 |
| Cadmium | PASS | ND | 200 | 8.572 | 27.432 |
| Lead | PASS | < LOQ | 500 | 20.574 | 68.580 |
| Mercury | PASS | ND | 100 | 3.429 | 13.716 |

Microbials PASS

 Microbiological screening utilizing 3M Petrifilm (SOP-700-AR) - **Limit units: CFU/g** | Test ID: #217543 | Analyst: PD

| Analyte | Pass/Fail | Result | Limit | LOQ |
|-----------------|-----------|--------|-------|-------|
| Coliform | PASS | ND | >0 | 8.830 |
| General E. Coli | NT | NT | NT | NT |



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


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