

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: AR35618
Sample Name: 10mg Pineapple Mango Gummy
Sample Matrix: Edible
Date Received: 8/15/2023
Batch ID: 100237
State ID: N02931
Date Reported: 11/7/2023
Package Mass: 137.021g / 4.833oz
Servings: 30

Sample Result: PASS



Cannabinoids

Standard potency analysis utilizing Ultra High Performance Liquid Chromatography (UHPLC; SOP-068-AR) | Test ID: #197660 | Analyst: NK

| 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 | 0.02 |
| CBD | 0.229 | 2.289 | 10.455 | 313.655 | 0.00 | 0.01 |
| CBDa | ND | ND | ND | ND | 0.00 | 0.01 |
| CBDV | < LOQ | < LOQ | < LOQ | < LOQ | 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 | ND | ND | ND | ND | 0.01 | 0.02 |
| 9-THC | ND | ND | ND | ND | 0.01 | 0.03 |
| delta-8-THC | ND | ND | ND | ND | 0.02 | 0.06 |
| THCA | ND | ND | ND | ND | 0.01 | 0.03 |
| THCV | ND | ND | ND | ND | 0.00 | 0.01 |
| THCVA | ND | ND | ND | ND | 0.01 | 0.04 |

| Total Cannabinoids | | | | |
|---------------------|-------|-------|------------|------------|
| | % | mg/g | mg/serving | mg/package |
| Total THC: | ND | ND | ND | ND |
| Total CBD: | 0.229 | 2.289 | 10.455 | 313.655 |
| Total Cannabinoids: | 0.229 | 2.289 | 10.455 | 313.655 |



Sample ID: AR35618

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: #197665 | Analyst: NK

| Analyte | Pass/Fail | Result (µg/g) | Limit | LOD (µg/g) | LOQ (µg/g) |
|-----------------------|-----------|---------------|-------|------------|------------|
| 1-Butanol | PASS | ND | 5000 | 65.482 | 218.272 |
| 1-Pentanol | PASS | ND | 5000 | 65.482 | 218.272 |
| 1-Propanol | PASS | ND | 5000 | 65.482 | 218.272 |
| 1,2-Dimethoxyethane | PASS | ND | 100 | 4.387 | 14.624 |
| 1,4-Dioxane | PASS | ND | 380 | 4.387 | 14.624 |
| 2-Butanol | PASS | ND | 5000 | 65.482 | 218.272 |
| 2-Butanone | PASS | ND | 5000 | 65.482 | 218.272 |
| 2-Ethoxyethanol | PASS | ND | 160 | 8.775 | 29.248 |
| 2-Methylbutane | PASS | ND | 5000 | 65.482 | 218.272 |
| 2-Methylpentane | PASS | ND | 290 | 4.387 | 14.624 |
| 2-Propanol (IPA) | PASS | ND | 5000 | 65.482 | 218.272 |
| 2,2-Dimethylbutane | PASS | ND | 290 | 4.387 | 14.624 |
| 2,3-Dimethylbutane | PASS | ND | 290 | 4.387 | 14.624 |
| 3-Methylpentane | PASS | ND | 290 | 4.387 | 14.624 |
| Acetone | PASS | ND | 5000 | 65.482 | 218.272 |
| Acetonitrile | PASS | ND | 410 | 4.387 | 14.624 |
| Benzene | PASS | ND | 2 | 0.284 | 0.917 |
| n-Butane | PASS | ND | 5000 | 65.482 | 218.272 |
| Cumene | PASS | ND | 70 | 4.387 | 14.624 |
| Cyclohexane | PASS | ND | 3880 | 65.482 | 218.272 |
| Dichloromethane | PASS | ND | 600 | 8.054 | 26.847 |
| Dimethyl Sulfoxide | PASS | ND | 5000 | 65.482 | 218.272 |
| Ethanol | PASS | ND | 5000 | 65.482 | 218.272 |
| Ethyl Acetate | PASS | ND | 5000 | 65.482 | 218.272 |
| Ethyl Ether | PASS | ND | 5000 | 65.482 | 218.272 |
| Ethylene Glycol | PASS | ND | 620 | 31.715 | 105.731 |
| Ethylene Oxide | PASS | ND | 50 | 4.387 | 14.624 |
| n-Heptane | PASS | ND | 5000 | 65.482 | 218.272 |
| n-Hexane | PASS | ND | 290 | 4.387 | 14.624 |
| Isopropyl Acetate | PASS | ND | 5000 | 65.482 | 218.272 |
| Methanol | PASS | ND | 3000 | 65.482 | 218.272 |
| Methylpropane | PASS | ND | 5000 | 65.482 | 218.272 |
| N,N-Dimethylacetamide | PASS | ND | 1090 | 17.549 | 58.497 |
| N,N-Dimethylformamide | PASS | ND | 880 | 17.549 | 58.497 |
| n-Pentane | PASS | ND | 5000 | 65.482 | 218.272 |
| Propane | PASS | ND | 5000 | 65.482 | 218.272 |
| Pyridine | PASS | ND | 200 | 8.775 | 29.248 |
| Sulfolane | PASS | ND | 160 | 31.715 | 105.731 |
| Tetrahydrofuran | PASS | ND | 720 | 4.387 | 14.624 |
| Toluene | PASS | ND | 890 | 4.387 | 14.624 |
| Xylenes | PASS | ND | 2170 | 65.482 | 218.272 |



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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: #197664 | Analyst: NK

| Analyte | Pass/Fail | Result (µg/g) | Limit | LOD (µg/g) | LOQ (µg/g) |
|---------------------|-----------|---------------|-------|------------|------------|
| Abamectin | PASS | ND | 0.500 | 0.036 | 0.121 |
| Acephate | PASS | ND | 0.400 | 0.026 | 0.086 |
| Acequinocyl | PASS | ND | 2.000 | 0.146 | 0.487 |
| Acetamiprid | PASS | ND | 0.200 | 0.026 | 0.087 |
| Aldicarb | PASS | ND | 0.400 | 0.018 | 0.060 |
| Azoxystrobin | PASS | ND | 0.200 | 0.023 | 0.078 |
| Bifenazate | PASS | ND | 0.200 | 0.016 | 0.054 |
| Bifenthrin | PASS | ND | 0.200 | 0.037 | 0.123 |
| Boscalid | PASS | ND | 0.400 | 0.042 | 0.139 |
| Carbaryl | PASS | ND | 0.200 | 0.016 | 0.052 |
| Carbofuran | PASS | ND | 0.200 | 0.018 | 0.061 |
| Chlorantraniliprole | PASS | ND | 0.200 | 0.029 | 0.095 |
| Chlorfenapyr | PASS | ND | 1.000 | 0.029 | 0.086 |
| Chlorpyrifos | PASS | ND | 0.200 | 0.027 | 0.089 |
| Clofentezine | PASS | ND | 0.200 | 0.037 | 0.122 |
| Cyfluthrin | PASS | ND | 1.000 | 0.045 | 0.131 |
| Cypermethrin | PASS | ND | 1.000 | 0.045 | 0.135 |
| Daminozide | PASS | ND | 1.000 | 0.054 | 0.179 |
| Diazinon | PASS | ND | 0.200 | 0.019 | 0.063 |
| DDVP (Dichlorvos) | PASS | ND | 0.100 | 0.025 | 0.083 |
| Dimethoate | PASS | ND | 0.200 | 0.026 | 0.085 |
| Ethoprophos | PASS | ND | 0.200 | 0.025 | 0.085 |
| Etofenprox | PASS | ND | 0.400 | 0.036 | 0.120 |
| Etoazole | PASS | ND | 0.200 | 0.029 | 0.097 |
| Fenoxycarb | PASS | ND | 0.200 | 0.023 | 0.077 |
| Fenproximate | PASS | ND | 0.400 | 0.019 | 0.062 |
| Fipronil | PASS | ND | 0.400 | 0.036 | 0.121 |
| Flonicamid | PASS | ND | 1.000 | 0.046 | 0.154 |
| Fludioxonil | PASS | ND | 0.400 | 0.044 | 0.146 |
| Hexythiazox | PASS | ND | 1.000 | 0.019 | 0.064 |
| Imazalil | PASS | ND | 0.200 | 0.043 | 0.142 |
| Imidacloprid | PASS | ND | 0.400 | 0.020 | 0.067 |
| Kresoxim-methyl | PASS | ND | 0.400 | 0.018 | 0.059 |
| Malathion | PASS | ND | 0.200 | 0.012 | 0.041 |
| Metalaxyl | PASS | ND | 0.200 | 0.018 | 0.061 |
| Methiocarb | PASS | ND | 0.200 | 0.018 | 0.059 |
| Methomyl | PASS | ND | 0.400 | 0.026 | 0.088 |
| Methyl parathion | PASS | ND | 0.200 | 0.029 | 0.086 |
| MGK-264 | PASS | ND | 0.200 | 0.009 | 0.031 |
| Myclobutanil | PASS | ND | 0.200 | 0.022 | 0.073 |
| Naled | PASS | ND | 0.500 | 0.039 | 0.131 |
| Oxamyl | PASS | ND | 1.000 | 0.037 | 0.124 |
| Pacllobutrazol | PASS | ND | 0.400 | 0.031 | 0.104 |
| Permethrins | PASS | ND | 0.200 | 0.027 | 0.080 |
| Phosmet | PASS | ND | 0.200 | 0.028 | 0.092 |
| Piperonyl Butoxide | PASS | ND | 2.000 | 0.018 | 0.060 |
| Prallethrin | PASS | ND | 0.200 | 0.018 | 0.060 |
| Propiconazole | PASS | ND | 0.400 | 0.013 | 0.043 |
| Propoxur | PASS | ND | 0.200 | 0.014 | 0.047 |
| Pyrethrins | PASS | ND | 1.000 | 0.060 | 0.199 |
| Pyridaben | PASS | ND | 0.200 | 0.030 | 0.100 |
| Spinosad | PASS | ND | 0.200 | 0.034 | 0.113 |
| Spiromesifen | PASS | ND | 0.200 | 0.030 | 0.098 |
| Spirotetramat | PASS | ND | 0.200 | 0.014 | 0.048 |
| Spiroxamine | PASS | ND | 0.400 | 0.044 | 0.146 |
| Tebuconazole | PASS | ND | 0.400 | 0.013 | 0.043 |
| Thiacloprid | PASS | ND | 0.200 | 0.015 | 0.051 |
| Thiamethoxam | PASS | ND | 0.200 | 0.015 | 0.051 |
| Trifloxystrobin | PASS | ND | 0.200 | 0.019 | 0.063 |



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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: #197662

| Analyte | Pass/Fail | Result (ug/kg) | Limit | LOD (ug/kg) | LOQ (ug/kg) |
|---------|-----------|----------------|-------|-------------|-------------|
| Arsenic | PASS | ND | 200 | 7.888 | 25.240 |
| Cadmium | PASS | ND | 200 | 7.888 | 25.240 |
| Lead | PASS | ND | 500 | 18.930 | 63.100 |
| Mercury | PASS | ND | 100 | 3.155 | 12.620 |

Microbials PASS

Microbiological screening utilizing 3M Petrifilm (SOP-700-AR) - **Limit units: CFU/g** | Test ID: #197663 | Analyst: NK

| Analyte | Pass/Fail | Result | Limit | LOQ |
|-----------------|-----------|--------|-------|-------|
| Coliform | PASS | ND | >0 | 7.425 |
| General E. Coli | NT | NT | NT | NT |



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



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