

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

Certificate of Analysis

Sample Result: PASS



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

Sample ID: AR45131
Sample Name: 000 Tincture
Sample Matrix: Tincture
Date Received: 3/26/2024
Batch ID: N03486
State ID: 100319
Date Reported: 3/28/2024
Density: 0.96
Package Volume: 30.0
Servings: 30

Cannabinoids

Standard potency analysis utilizing Ultra High Performance Liquid Chromatography (UHPLC; SOP-068-AR) | Analyst: MS

| Analyte | % | mg/g | mg/mL | mg/serv | mg/pkg | LOD (mg/g) | LOQ (mg/g) |
|---------------------------|-------------|--------------|--------------|--------------|--------------|------------|------------|
| CBC | ND | ND | ND | ND | ND | 0.016 | 0.049 |
| CBCA | ND | ND | ND | ND | ND | 0.022 | 0.066 |
| CBD | 1.44 | 14.44 | 13.9 | 13.9 | 417.1 | 0.018 | 0.055 |
| CBDA | ND | ND | ND | ND | ND | 0.009 | 0.025 |
| CBDV | 0.0 | 0.04 | 0.04 | 0.04 | 1.2 | 0.009 | 0.027 |
| CBDVA | ND | ND | ND | ND | ND | 0.016 | 0.051 |
| CBG | ND | ND | ND | ND | ND | 0.008 | 0.024 |
| CBGA | ND | ND | ND | ND | ND | 0.005 | 0.015 |
| CBN | ND | ND | ND | ND | ND | 0.02 | 0.063 |
| 9-THC | 0.14 | 1.44 | 1.38 | 1.38 | 41.5 | 0.039 | 0.12 |
| delta-8-THC | ND | ND | ND | ND | ND | 0.074 | 0.224 |
| THCA | ND | ND | ND | ND | ND | 0.034 | 0.106 |
| THCV | ND | ND | ND | ND | ND | 0.012 | 0.036 |
| THCVA | ND | ND | ND | ND | ND | 0.049 | 0.148 |
| Total THC | 0.14 | 1.44 | 1.38 | 1.38 | 41.5 | | |
| Total CBD | 1.44 | 14.44 | 13.9 | 13.9 | 417.1 | | |
| Total Cannabinoids | 1.58 | 15.92 | 15.32 | 15.32 | 459.8 | | |



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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 | Analyst: PG

| Analyte | Pass/Fail | µg/g | Limit | LOD (µg/g) | LOQ (µg/g) |
|--------------------|-----------|------|-------|------------|------------|
| Acephate | PASS | ND | 0.4 | 0.03 | 0.08 |
| Acequinocyl | PASS | ND | 2.0 | 0.14 | 0.48 |
| Acetamiprid | PASS | ND | 0.2 | 0.03 | 0.09 |
| Aldicarb | PASS | ND | 0.4 | 0.02 | 0.06 |
| Azoxystrobin | PASS | ND | 0.2 | 0.02 | 0.08 |
| Bifenazate | PASS | ND | 0.2 | 0.02 | 0.05 |
| Bifenthrin | PASS | ND | 0.2 | 0.04 | 0.12 |
| Boscalid | PASS | ND | 0.4 | 0.04 | 0.14 |
| Carbaryl | PASS | ND | 0.2 | 0.01 | 0.05 |
| Carbofuran | PASS | ND | 0.2 | 0.02 | 0.06 |
| Chlorantranilprole | PASS | ND | 0.2 | 0.03 | 0.09 |
| Chlorfenapyr | PASS | ND | 1.0 | 0.03 | 0.08 |
| Chlorpyrifos | PASS | ND | 0.2 | 0.03 | 0.09 |
| Clofentezine | PASS | ND | 0.2 | 0.04 | 0.12 |
| Cyfluthrin | PASS | ND | 1.0 | 0.04 | 0.13 |
| Cypermethrin | PASS | ND | 1.0 | 0.04 | 0.13 |
| Daminozide | PASS | ND | 1.0 | 0.05 | 0.17 |
| Diazinon | PASS | ND | 0.2 | 0.02 | 0.06 |
| DDVP (Dichlorvos) | PASS | ND | 0.1 | 0.03 | 0.08 |
| Dimethoate | PASS | ND | 0.2 | 0.03 | 0.08 |
| Ethoprophos | PASS | ND | 0.2 | 0.03 | 0.08 |
| Etofenprox | PASS | ND | 0.4 | 0.04 | 0.12 |
| Etoxazole | PASS | ND | 0.2 | 0.03 | 0.1 |
| Fenoxycarb | PASS | ND | 0.2 | 0.02 | 0.08 |
| Fenpyroximate | PASS | ND | 0.4 | 0.02 | 0.06 |
| Fipronil | PASS | ND | 0.4 | 0.04 | 0.12 |
| Fonicamid | PASS | ND | 1.0 | 0.04 | 0.15 |
| Fludioxonil | PASS | ND | 0.4 | 0.04 | 0.14 |
| Hexythiazox | PASS | ND | 1.0 | 0.02 | 0.06 |
| Imazalil | PASS | ND | 0.2 | 0.04 | 0.14 |
| Imidacloprid | PASS | ND | 0.4 | 0.02 | 0.07 |
| Kresoxim-methyl | PASS | ND | 0.4 | 0.02 | 0.06 |
| Malathion | PASS | ND | 0.2 | 0.01 | 0.04 |
| Metalaxyl | PASS | ND | 0.2 | 0.02 | 0.06 |
| Methiocarb | PASS | ND | 0.2 | 0.02 | 0.06 |
| Methomyl | PASS | ND | 0.4 | 0.03 | 0.09 |
| Methyl parathion | PASS | ND | 0.2 | 0.03 | 0.08 |
| MGK-264 | PASS | ND | 0.2 | 0.01 | 0.03 |
| Myclobutanil | PASS | ND | 0.2 | 0.02 | 0.07 |
| Naled | PASS | ND | 0.5 | 0.04 | 0.13 |
| Oxamyl | PASS | ND | 1.0 | 0.04 | 0.12 |
| Paclobutrazol | PASS | ND | 0.4 | 0.03 | 0.1 |
| Permethrins | PASS | ND | 0.2 | 0.03 | 0.08 |
| Phosmet | PASS | ND | 0.2 | 0.03 | 0.09 |
| Piperonyl Butoxide | PASS | ND | 2.0 | 0.02 | 0.06 |
| Prallethrin | PASS | ND | 0.2 | 0.02 | 0.06 |
| Propiconazole | PASS | ND | 0.4 | 0.01 | 0.04 |
| Propoxur | PASS | ND | 0.2 | 0.01 | 0.05 |
| Pyrethrins | PASS | ND | 1.0 | 0.06 | 0.2 |
| Pyridaben | PASS | ND | 0.2 | 0.03 | 0.1 |
| Spinosad | PASS | ND | 0.2 | 0.03 | 0.11 |
| Spiromesifen | PASS | ND | 0.2 | 0.03 | 0.1 |
| Spirotetramat | PASS | ND | 0.2 | 0.01 | 0.05 |
| Spiroxamine | PASS | ND | 0.4 | 0.04 | 0.14 |
| Tebuconazole | PASS | ND | 0.4 | 0.01 | 0.04 |
| Thiacloprid | PASS | ND | 0.2 | 0.01 | 0.05 |
| Thiamethoxam | PASS | ND | 0.2 | 0.01 | 0.05 |
| Trifloxystrobin | PASS | ND | 0.2 | 0.02 | 0.06 |



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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** | Analyst: PG

| Analyte | Pass/Fail | µg/g | Limit | LOD (µg/g) | LOQ (µg/g) |
|-----------------------|-----------|------|-------|------------|------------|
| 1-Pentanol | PASS | ND | 5000 | 85 | 285 |
| 1-Propanol | PASS | ND | 5000 | 85 | 285 |
| 1,2-Dimethoxyethane | PASS | ND | 100 | 6 | 19 |
| 1,4-Dioxane | PASS | ND | 380 | 6 | 19 |
| 2-Butanol | PASS | ND | 5000 | 85 | 285 |
| 2-Butanone | PASS | ND | 5000 | 85 | 285 |
| 2-Ethoxyethanol | PASS | ND | 160 | 11 | 38 |
| 2-Methylbutane | PASS | ND | 5000 | 85 | 285 |
| 2-Methylpentane | PASS | ND | 290 | 6 | 19 |
| 2-Propanol (IPA) | PASS | ND | 5000 | 85 | 285 |
| 2,2-Dimethylbutane | PASS | ND | 290 | 6 | 19 |
| 2,3-Dimethylbutane | PASS | ND | 290 | 6 | 19 |
| 3-Methylpentane | PASS | ND | 290 | 6 | 19 |
| Acetone | PASS | ND | 5000 | 85 | 285 |
| Acetonitrile | PASS | ND | 410 | 6 | 19 |
| Benzene | PASS | ND | 2 | 0.4 | 1.2 |
| n-Butane | PASS | ND | 5000 | 85 | 285 |
| Cumene | PASS | ND | 70 | 6 | 19 |
| Cyclohexane | PASS | ND | 3880 | 85 | 285 |
| Dichloromethane | PASS | ND | 600 | 11 | 35 |
| Dimethyl Sulfoxide | PASS | ND | 5000 | 85 | 285 |
| Ethanol | PASS | ND | 5000 | 85 | 285 |
| Ethyl Acetate | PASS | ND | 5000 | 85 | 285 |
| Ethyl Ether | PASS | ND | 5000 | 85 | 285 |
| Ethylene Glycol | PASS | ND | 620 | 41 | 138 |
| Ethylene Oxide | PASS | ND | 50 | 6 | 19 |
| n-Heptane | PASS | ND | 5000 | 85 | 285 |
| n-Hexane | PASS | ND | 290 | 6 | 19 |
| Isopropyl Acetate | PASS | ND | 5000 | 85 | 285 |
| Methanol | PASS | ND | 3000 | 85 | 285 |
| Methylpropane | PASS | ND | 5000 | 85 | 285 |
| N,N-Dimethylacetamide | PASS | ND | 1090 | 23 | 76 |
| N,N-Dimethylformamide | PASS | ND | 880 | 23 | 76 |
| n-Pentane | PASS | ND | 5000 | 85 | 285 |
| Propane | PASS | ND | 5000 | 85 | 285 |
| Pyridine | PASS | ND | 200 | 11 | 38 |
| Sulfolane | PASS | ND | 160 | 41 | 138 |
| Tetrahydrofuran | PASS | ND | 720 | 6 | 19 |
| Toluene | PASS | ND | 890 | 6 | 19 |
| Xylenes | PASS | ND | 2170 | 85 | 285 |

Heavy Metals

PASS

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

| Analyte | Pass/Fail | ug/kg | Limit | LOD (ug/kg) | LOQ (ug/kg) |
|---------|-----------|-------|-------|-------------|-------------|
| Arsenic | PASS | ND | 200 | 10 | 32 |
| Cadmium | PASS | ND | 200 | 10 | 32 |
| Lead | PASS | ND | 500 | 24 | 81 |
| Mercury | PASS | ND | 100 | 4 | 16 |



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Microbials PASS

Microbiological screening utilizing 3M Petrifilm (SOP-700-AR) - Limit units: CFU/g | Analyst: PG

| Analyte | Pass/Fail | CFU/g | Limit | LOQ |
|-----------------|-----------|-------|-------|-----|
| Coliform | PASS | ND | >0 | 9 |
| General E. Coli | NT | NT | NT | NT |



Brandon Thornton
Pharm D. Co-Owner & CEO
Date: 3/28/2024



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