

PharmLabs San Diego Certificate of Analysis



Sample Serene Being 1000mg CBD/ 34mg THC (Batch No. S1020524)

| | | | | | | | |
|------------|-------|------|----|------------------------|-------|------------|----|
| Delta9 THC | 0.12% | THCa | ND | Total THC (THC + THCa) | 0.12% | Delta8 THC | ND |
|------------|-------|------|----|------------------------|-------|------------|----|

| | | | |
|-------------------|---------------------------------------|----------------|--------------------------------|
| Sample ID | SD240221-040 (90769) | Matrix | Tincture (Other Cannabis Good) |
| Tested for | Mau Superherbs | Received | Feb 20, 2024 |
| Sampled | - | Reported | Feb 26, 2024 |
| Analyses executed | CAN+, RES, MIBNIG, MTO, PES, HME, FVI | Unit Mass (g) | 30.0 |
| | | Density (g/mL) | 1.026 |

CAN+ - Cannabinoids Analysis

Analyzed Feb 23, 2024 | Instrument HPLC-VWD | Method SOP-001
 The expanded Uncertainty of the Cannabinoid analysis is approximately $\pm 8.06\%$ at the 95% Confidence Level

| Analyte | LOD mg/g | LOQ mg/g | Result % | Result mg/g | Result mg/Unit | Sample photography |
|---|----------|----------|----------|-------------|----------------|--------------------|
| Cannabidiol (CBD) | 0.039 | 0.16 | 0.03 | 0.31 | 9.30 | |
| Cannabidiol Acid (CBDA) | 0.001 | 0.16 | ND | ND | ND | |
| Cannabigerol Acid (CBGA) | 0.001 | 0.16 | ND | ND | ND | |
| Cannabigerol (CBG) | 0.001 | 0.16 | 0.10 | 0.97 | 29.10 | |
| Cannabidiol (CBD) | 0.001 | 0.16 | 4.48 | 44.81 | 1344.30 | |
| Tetrahydrocannabivarin (THCV) | 0.001 | 0.16 | ND | ND | ND | |
| Cannabinol (CBN) | 0.001 | 0.16 | 0.02 | 0.19 | 5.70 | |
| Tetrahydrocannabinol (Δ^9 -THC) | 0.003 | 0.16 | 0.12 | 1.24 | 37.20 | |
| Δ^8 -tetrahydrocannabinol (Δ^8 -THC) | 0.004 | 0.16 | ND | ND | ND | |
| Cannabicyclol (CBL) | 0.002 | 0.16 | ND | ND | ND | |
| Cannabichromene (CBC) | 0.002 | 0.16 | 0.11 | 1.13 | 33.90 | |
| Tetrahydrocannabinolic Acid (THCA) | 0.001 | 0.16 | ND | ND | ND | |
| Total THC (THCa * 0.877 + Δ^9 THC) | | | 0.12 | 1.24 | 37.20 | |
| Total THC + Δ^8 THC (THCa * 0.877 + Δ^9 THC + Δ^8 THC) | | | 0.12 | 1.24 | 37.20 | |
| Total CBD (CBDa * 0.877 + CBD) | | | 4.48 | 44.81 | 1344.30 | |
| Total CBG (CBGa * 0.877 + CBG) | | | 0.10 | 0.97 | 29.10 | |
| Total Cannabinoids Analyzed | | | 4.86 | 48.65 | 1459.50 | |

HME - Heavy Metals Analysis

Analyzed Feb 23, 2024 | Instrument ICP/MSMS | Method SOP-005

| Analyte | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g |
|--------------|----------|----------|-------------|------------|
| Arsenic (As) | 0.0009 | 0.0027 | ND | 1.5 |
| Cadmium (Cd) | 0.0005 | 0.0015 | ND | 0.5 |
| Mercury (Hg) | 0.0058 | 0.0174 | ND | 3 |
| Lead (Pb) | 0.0006 | 0.0018 | ND | 0.5 |
| Nickel (Ni) | 6.0e-05 | 0.0002 | NT | |

MIBNIG - Microbial Analysis

Analyzed Feb 23, 2024 | Instrument Plating | Method SOP-007

| Analyte | LOD | LOQ | Result CFU/g | Limit | Analyte | LOD | LOQ | Result CFU/g | Limit |
|--|-----|-----|--------------|---------------|-----------------|-----|-----|--------------|---------------|
| Shiga toxin-producing Escherichia Coli | | | ND | ND per 1 gram | Salmonella spp. | | | ND | ND per 1 gram |

MTO - Mycotoxin Analysis

Analyzed Feb 25, 2024 | Instrument LC/MSMS | Method SOP-004

| Analyte | LOD ug/kg | LOQ ug/kg | Result ug/kg (ppb) | Limit ug/kg | Analyte | LOD ug/kg | LOQ ug/kg | Result ug/kg (ppb) | Limit ug/kg |
|--------------|-----------|-----------|--------------------|-------------|------------------|-----------|-----------|--------------------|-------------|
| Ochratoxin A | 5.0 | 20.0 | ND | 20 | Aflatoxin B1 | 2.5 | 5.0 | ND | - |
| Aflatoxin B2 | 2.5 | 5.0 | ND | - | Aflatoxin G1 | 2.5 | 5.0 | ND | - |
| Aflatoxin G2 | 2.5 | 5.0 | ND | - | Total Aflatoxins | 10.0 | 20.0 | ND | 20 |

UJ Unidentified
 ND Not Detected
 N/A Not Applicable
 NT Not Reported
 LOD Limit of Detection
 LOQ Limit of Quantification
 <LOQ Detected
 >ULOL Above upper limit of linearity
 CFU/g Colony Forming Units per 1 gram
 TNTC Too Numerous to Count



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 DEA license: RP0611043
 ISO/IEC 17025:2017 Acc. L17-427-1



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Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager
 Mon, 26 Feb 2024 09:09:37 -0800

PharmLabs San Diego | 3421 Hancock St, Second Floor, San Diego, CA 92110 | 619.356.0898 | ISO/IEC 17025:2017 Acc. L17-427-1



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PES - Pesticides Analysis

Analyzed Feb 25, 2024 | Instrument LC/MSMS GC/MSMS | Method SOP-003

| Analyte | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g | Analyte | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g |
|-------------------------|----------|----------|-------------|------------|-----------------------|----------|----------|-------------|------------|
| Aldicarb | 0.0078 | 0.02 | ND | 0.0078 | Carbofuran | 0.01 | 0.02 | ND | 0.01 |
| Dimethoate | 0.01 | 0.02 | ND | 0.01 | Etofenprox | 0.02 | 0.1 | ND | 0.02 |
| Fenoxycarb | 0.01 | 0.02 | ND | 0.01 | Thiachloprid | 0.01 | 0.02 | ND | 0.01 |
| Daminozide | 0.01 | 0.03 | ND | 0.01 | Dichlorvos | 0.02 | 0.07 | ND | 0.02 |
| Imazalil | 0.02 | 0.07 | ND | 0.02 | Methiocarb | 0.01 | 0.02 | ND | 0.01 |
| Spiroxamine | 0.01 | 0.02 | ND | 0.01 | Coumaphos | 0.01 | 0.02 | ND | 0.01 |
| Fipronil | 0.01 | 0.1 | ND | 0.01 | Paclbutrazol | 0.01 | 0.03 | ND | 0.01 |
| Chlorpyrifos | 0.01 | 0.04 | ND | 0.01 | Ethoprophos (Prophos) | 0.01 | 0.02 | ND | 0.01 |
| Baygon (Propoxur) | 0.01 | 0.02 | ND | 0.01 | Chlordane | 0.04 | 0.1 | ND | 0.04 |
| Chlorfenapyr | 0.03 | 0.1 | ND | 0.03 | Methyl Parathion | 0.02 | 0.1 | ND | 0.02 |
| Mevinphos | 0.03 | 0.08 | ND | 0.03 | Abamectin | 0.03 | 0.08 | ND | 0.3 |
| Acephate | 0.02 | 0.05 | ND | 5 | Acetamidrid | 0.01 | 0.05 | ND | 5 |
| Azoxystrobin | 0.01 | 0.02 | ND | 40 | Bifenazate | 0.01 | 0.05 | ND | 5 |
| Bifenthrin | 0.02 | 0.35 | ND | 0.5 | Boscalid | 0.01 | 0.03 | ND | 10 |
| Carbaryl | 0.01 | 0.02 | ND | 0.5 | Chlorantraniliprole | 0.01 | 0.04 | ND | 40 |
| Clofentezine | 0.01 | 0.03 | ND | 0.5 | Diazinon | 0.01 | 0.02 | ND | 0.2 |
| Dimethomorph | 0.02 | 0.06 | ND | 20 | Etoxazole | 0.01 | 0.05 | ND | 15 |
| Fenpyroximate | 0.02 | 0.1 | ND | 2 | Flonicamid | 0.01 | 0.02 | ND | 2 |
| Fludioxonil | 0.01 | 0.05 | ND | 30 | Hexythiazox | 0.01 | 0.03 | ND | 2 |
| Imidacloprid | 0.01 | 0.05 | ND | 3 | Kresoxim-methyl | 0.01 | 0.03 | ND | 1 |
| Malathion | 0.01 | 0.05 | ND | 5 | Metalaxyl | 0.01 | 0.02 | ND | 15 |
| Methomyl | 0.02 | 0.05 | ND | 0.1 | Myclobutanil | 0.02 | 0.07 | ND | 9 |
| Naled | 0.01 | 0.02 | ND | 0.5 | Oxamyl | 0.01 | 0.02 | ND | 0.2 |
| Permethrin | 0.01 | 0.02 | ND | 20 | Phosmet | 0.01 | 0.02 | ND | 0.2 |
| Piperonyl Butoxide | 0.02 | 0.06 | ND | 8 | Propiconazole | 0.03 | 0.08 | ND | 20 |
| Prallethrin | 0.02 | 0.05 | ND | 0.4 | Pyrethrin | 0.05 | 0.41 | ND | 1 |
| Pyridaben | 0.02 | 0.07 | ND | 3 | Spinosad A | 0.01 | 0.05 | ND | 3 |
| Spinosad D | 0.01 | 0.05 | ND | 3 | Spiromesifen | 0.02 | 0.06 | ND | 12 |
| Spirotetramat | 0.01 | 0.02 | ND | 13 | Tebuconazole | 0.01 | 0.02 | ND | 2 |
| Thiamethoxam | 0.01 | 0.02 | ND | 4.5 | Trifloxystrobin | 0.01 | 0.02 | ND | 30 |
| Acequinocyl | 0.02 | 0.09 | ND | 4 | Captan | 0.01 | 0.02 | ND | 5 |
| Cypermethrin | 0.02 | 0.1 | ND | 1 | Cyfluthrin | 0.04 | 0.1 | ND | 1 |
| Fenhexamid | 0.02 | 0.07 | ND | 10 | Spinetoram J.L | 0.02 | 0.07 | ND | 3 |
| Pentachloronitrobenzene | 0.01 | 0.1 | ND | 0.2 | | | | | |

RES - Residual Solvents Analysis

Analyzed Feb 22, 2024 | Instrument GC/FID with Headspace Analyzer | Method SOP-006

| Analyte | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g | Analyte | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g |
|----------------------------|----------|----------|-------------|------------|------------------------------|----------|----------|-------------|------------|
| Propane (Prop) | 0.4 | 40.0 | ND | | Butane (But) | 0.4 | 40.0 | ND | |
| Methanol (Metha) | 0.4 | 40.0 | ND | | Ethylene Oxide (EthOx) | 0.4 | 0.8 | ND | |
| Pentane (Pen) | 0.4 | 40.0 | ND | | Ethanol (Ethanol) | 0.4 | 40.0 | 1119.2 | |
| Ethyl Ether (EthEt) | 0.4 | 40.0 | ND | | Acetone (Acet) | 0.4 | 40.0 | ND | |
| Isopropanol (2-Pro) | 0.4 | 40.0 | ND | | Acetonitrile (Acetonit) | 0.4 | 40.0 | ND | |
| Methylene Chloride (MetCh) | 0.4 | 0.8 | ND | | Hexane (Hex) | 0.4 | 40.0 | ND | |
| Ethyl Acetate (EthAc) | 0.4 | 40.0 | 54.1 | | Chloroform (Clo) | 0.4 | 0.8 | ND | |
| Benzene (Ben) | 0.4 | 0.8 | ND | | 1-2-Dichloroethane (12-Dich) | 0.4 | 0.8 | ND | |
| Heptane (Hep) | 0.4 | 40.0 | ND | | Trichloroethylene (TriClEtH) | 0.4 | 0.8 | ND | |
| Toluene (Toluene) | 0.4 | 40.0 | ND | | Xylenes (Xyl) | 0.4 | 40.0 | ND | |

FVI - Filth & Foreign Material Inspection Analysis

Analyzed Feb 22, 2024 | Instrument Microscope | Method SOP-010

| Analyte / Limit | Result | Analyte / Limit | Result |
|--|--------|--|--------|
| > 1/4 of the total sample area covered by sand, soil, cinders, or dirt | ND | > 1/4 of the total sample area covered by mold | ND |
| > 1 insect fragment, 1 hair, or 1 count mammalian excreta per 3g | ND | > 1/4 of the total sample area covered by an imbedded foreign material | ND |

UJ Unidentified
 ND Not Detected
 N/A Not Applicable
 NT Not Reported
 LOD Limit of Detection
 LOQ Limit of Quantification
 <LOQ Detected
 >ULOL Above upper limit of linearity
 CFU/g Colony Forming Units per 1 gram
 TNTC Too Numerous to Count



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