

PharmLabs San Diego Certificate of Analysis

3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-0000098-LIC  
 ISO/IEC 17025:2017 Certification L17-427-1 | Accreditation #85368



Sample Full Spectrum Big Spoon CBD 750mg + CBN 250mg Sleep Oil

|   |                                       |
|---|---------------------------------------|
| Sample ID SD230406-029 (71722)                          | Matrix Tincture (Other Cannabis Good) |
| Tested for Sunday Scaries                               |                                       |
| Sampled -   | Received Apr 05, 2023                 |
| Analyses executed CAN+, RES, MIBNIG, MTO, PES, HME, FVI | Reported Apr 20, 2023                 |
|   | Unit Mass (g) 30.0                    |
|   | Density (g/mL) 1.064                  |

Laboratory note: This sample contains amounts of Methylene Chloride that are above the action limit based on California's Department of Cannabis Control's Regulations. California's action limits are much lower than other states such as Oregon. According to the Oregon Health Authorities Technical Report for Cannabis Products, the action limit for Methylene Chloride is 600 microgram/gram.

CAN+ - Cannabinoids Analysis

Analyzed Apr 07, 2023 | Instrument HPLC-VWD | Method SOP-001  
 The expanded Uncertainty of the Cannabinoid analysis is approximately 7.806% at the 95% Confidence Level

| Analyte  | LOD mg/g | LOQ mg/g | Result % | Result mg/g | Result mg/Unit |
|--|----------|----------|----------|-------------|----------------|
| Cannabidiol (CBDV)                                 | 0.039    | 0.16     | 0.02     | 0.23        | 6.93           |
| Cannabidiolic 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        | 29.22          |
| Cannabidiol (CBD)                                  | 0.001    | 0.16     | 2.67     | 26.75       | 802.38         |
| Tetrahydrocannabinol (THCV)                        | 0.001    | 0.16     | ND       | ND          | ND             |
| Cannabinol (CBN)                                   | 0.001    | 0.16     | 1.04     | 10.39       | 311.61         |
| Tetrahydrocannabinol (Δ9-THC)                      | 0.003    | 0.16     | 0.03     | 0.28        | 8.49           |
| Δ8-tetrahydrocannabinol (Δ8-THC)                   | 0.004    | 0.16     | ND       | ND          | ND             |
| Cannabicyclo (CBL)                                 | 0.002    | 0.16     | ND       | ND          | ND             |
| Cannabichromene (CBC)                              | 0.002    | 0.16     | 0.06     | 0.60        | 17.88          |
| Tetrahydrocannabinolic Acid (THCA)                 | 0.001    | 0.16     | ND       | ND          | ND             |
| Total THC ( THCa * 0.877 + Δ9THC )                 |          |          | 0.03     | 0.28        | 8.49           |
| Total THC + Δ8THC ( THCa * 0.877 + Δ9THC + Δ8THC ) |          |          | 0.03     | 0.28        | 8.49           |
| Total CBD ( CBDA * 0.877 + CBD )                   |          |          | 2.67     | 26.75       | 802.38         |
| Total CBG ( CBGA * 0.877 + CBG )                   |          |          | 0.10     | 0.97        | 29.22          |
| Total Cannabinoids                                 |          |          | 3.92     | 39.22       | 1176.51        |

HME - Heavy Metals Detection Analysis

Analyzed Apr 13, 2023 | Instrument ICP/MSMS | Method SOP-005

| 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 |
|--------------|----------|----------|-------------|------------|--------------|----------|----------|-------------|------------|
| Arsenic (As) | 0.0002   | 0.0005   | ND          | 1.5        | Cadmium (Cd) | 3.0e-05  | 0.0005   | ND          | 0.5        |
| Mercury (Hg) | 1.0e-05  | 0.0001   | ND          | 3          | Lead (Pb)    | 1.0e-05  | 0.00125  | ND          | 0.5        |

MIBNIG - Microbial Testing Analysis

Analyzed Apr 10, 2023 | Instrument Plating | Method SOP-007

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

MTO - Mycotoxin Testing Analysis

Analyzed Apr 10, 2023 | 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          |

UI Not Identified  
 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



Scan the QR code to verify authenticity.

Authorized Signature

*Brandon Starr*

Brandon Starr, Lab Manager  
 Thu, 20 Apr 2023 09:42:05 -0700

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

\*This report shall not be reproduced except in full, without the written approval of the lab. This report is for informational purposes only and should not be used to diagnose, treat or prevent any disease. Results are only for samples and batches indicated. Results are reported on an "as received" basis, unless indicated otherwise. When a Pass/Fail status is reported, that status is intended to be in accordance with federal, state and local laws which are required for the customer to be in compliance. The measurement of uncertainty is not included in the Pass/Fail evaluation unless explicitly required by federal, state or local laws and has been reported on the certificate of analysis. Measurement of uncertainty is available upon request.



PES - Pesticides Screening Analysis

Analyzed Apr 10, 2023 | 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       |
| Imazail                 | 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               | 0.05     | 0.08     | ND          | 0.03       | Abamectin             | 0.03     | 0.08     | ND          | 0.3        |
| Acephate                | 0.02     | 0.05     | ND          | 5          | Acetamidprid          | 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          | 1.5        |
| Fenpyroximate           | 0.02     | 0.1      | ND          | 2          | Fonicamid             | 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 Testing Analysis

Analyzed Apr 11, 2023 | Instrument GC/FID with Headspace Analyzer | Method SOP-006

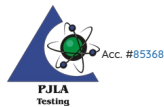
| Analyte                    | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g | Analyte                       | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g |
|----------------------------|----------|----------|-------------|------------|-------------------------------|----------|----------|-------------|------------|
| Propane (Prop)             | 0.4      | 40.0     | ND          | 40.0       | Butane (But)                  | 0.4      | 40.0     | ND          | 40.0       |
| Methanol (Metha)           | 0.4      | 40.0     | ND          | 40.0       | Ethylene Oxide (EthOx)        | 0.4      | 0.8      | ND          | 0.8        |
| Pentane (Pen)              | 0.4      | 40.0     | ND          | 40.0       | Ethanol (Ethan)               | 0.4      | 40.0     | 790.0       | 40.0       |
| Ethyl Ether (EthEt)        | 0.4      | 40.0     | ND          | 40.0       | Acetone (Acet)                | 0.4      | 40.0     | ND          | 40.0       |
| Isopropanol (2-Pro)        | 0.4      | 40.0     | ND          | 40.0       | Acetonitrile (Acetonit)       | 0.4      | 40.0     | ND          | 40.0       |
| Methylene Chloride (MetCh) | 0.4      | 0.8      | 17.1        | 0.8        | Hexane (Hex)                  | 0.4      | 40.0     | ND          | 40.0       |
| Ethyl Acetate (EthAc)      | 0.4      | 40.0     | ND          | 40.0       | Chloroform (Clo)              | 0.4      | 0.8      | ND          | 0.8        |
| Benzene (Ben)              | 0.4      | 0.8      | ND          | 0.8        | 1,2-Dichloroethane (1,2-Dich) | 0.4      | 0.8      | ND          | 0.8        |
| Heptane (Hep)              | 0.4      | 40.0     | ND          | 40.0       | Trichloroethylene (TriClIEth) | 0.4      | 0.8      | ND          | 0.8        |
| Toluene (Toluene)          | 0.4      | 40.0     | ND          | 40.0       | Xylenes (Xyl)                 | 0.4      | 40.0     | ND          | 40.0       |

FVI - Filth & Foreign Material Inspection Analysis

Analyzed Apr 05, 2023 | 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     |

UI Not Identified  
 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



Scan the QR code to verify authenticity.

Authorized Signature

*Brandon Starr*

Brandon Starr, Lab Manager  
 Thu, 20 Apr 2023 09:42:05 -0700

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

\*This report shall not be reproduced except in full, without the written approval of the lab. This report is for informational purposes only and should not be used to diagnose, treat or prevent any disease. Results are only for samples and batches indicated. Results are reported on an "as received" basis, unless indicated otherwise. When a Pass/Fail status is reported, that status is intended to be in accordance with federal, state and local laws which are required for the customer to be in compliance. The measurement of uncertainty is not included in the Pass/Fail evaluation unless explicitly required by federal, state or local laws and has been reported on the certificate of analysis. Measurement of uncertainty is available upon request.