

## PharmLabs Dallas LLC Certificate of Analysis

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ISO/IEC 17025:2017 Certification L20-89-5 | Accreditation #85368

Sample **Bennu Tincture 1000mg 30mL**

|                   |                                   |                  |              |
|-------------------|-----------------------------------|------------------|--------------|
| Sample ID         | TX201007-007 (95)                 | Matrix           | Tincture     |
| Tested for        | Bennu CBD                         |                  |              |
| Sampled           | -                                 | Received         | Oct 06, 2020 |
|                   |                                   | Reported         | Oct 08, 2020 |
| Analyses executed | CAN, RES, MIB, MTO, PES, HME, FVI | Unit Volume (mL) | 30.0         |
|                   |                                   | Density (g/mL)   | 1.0074       |

## CAN - Cannabinoid Profile Analysis

Analyzed Oct 08, 2020 | Instrument NA | Measurement Uncertainty at 95% confidence 10.0 %

| Analyte   | Result % | Result mg/mL | Result mg/Unit |
|---|----------|--------------|----------------|
| Cannabichromene (CBC)                             | 0.28     | 2.77         | 82.98          |
| Cannabichromenic acid (CBCA)                      | ND       | ND           | ND             |
| Cannabidiol (CBD)                                 | 3.37     | 33.41        | 1002.15        |
| Cannabigerol (CBG)                                | ND       | ND           | ND             |
| Cannabinol (CBN)                                  | ND       | ND           | ND             |
| Cannabidiolic acid (CBDA)                         | ND       | ND           | ND             |
| Cannabigerolic acid (CBGA)                        | ND       | ND           | ND             |
| Cannabinolic acid (CBNA)                          | ND       | ND           | ND             |
| Cannabicyclol (CBL)                               | ND       | ND           | ND             |
| Cannabidivarin (CBDV)                             | ND       | ND           | ND             |
| Cannabidivarinic acid (CBDVA)                     | ND       | ND           | ND             |
| $\Delta$ 8-Tetrahydrocannabinol ( $\Delta$ 8-THC) | ND       | ND           | ND             |
| $\Delta$ 9-Tetrahydrocannabinol ( $\Delta$ 9-THC) | 0.14     | 1.40         | 41.88          |
| $\Delta$ 9-Tetrahydrocannabinolic acid (THCA-A)   | ND       | ND           | ND             |
| Tetrahydrocannabivarin (THCV)                     | ND       | ND           | ND             |
| Tetrahydrocannabivarinic acid (THCVA)             | ND       | ND           | ND             |
| Total THC (THCa * 0.877 + THC)                    | 0.14     | 1.41         | 41.88          |
| Total CBD (CBDa * 0.877 + CBD)                    | 3.37     | 33.65        | 1002.15        |

## HME - Heavy Metals Detection Analysis

Analyzed Oct 08, 2020 | Instrument NA

| Analyte      | Result ug/g | Limit ug/g | Analyte      | Result ug/g | Limit ug/g |
|--------------|-------------|------------|--------------|-------------|------------|
| Arsenic (As) | 0.00        | 1.5        | Cadmium (Cd) | 0.00        | 0.5        |
| Mercury (Hg) | 0.00        | 3.0        | Lead (Pb)    | 0.08        | 0.5        |

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

*Archana*

Dr. Archana R. Parameswar,  
Laboratory Director  
Thu, 08 Oct 2020 13:55:44 -0700

PharmLabs Dallas LLC | 2567 Valley View Ln, Dallas, TX 75234, United States | 214.903.4405 | ISO/IEC 17025:2017 Certification L20-89-5

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### MIB - Microbial Testing Analysis

Analyzed Oct 08, 2020 | Instrument NA

| Analyte                                | Result<br>CFU/g | Limit         | Analyte             | Result<br>CFU/g | Limit         |
|--|-----------------|---------------|---------------------|-----------------|---------------|
| Shiga toxin-producing Escherichia Coli | Negative        | ND per 1 gram | Salmonella spp.     | Negative        | ND per 1 gram |
| Aspergillus fumigatus                  | Negative        | ND per 1 gram | Aspergillus flavus  | Negative        | ND per 1 gram |
| Aspergillus niger                      | Negative        | ND per 1 gram | Aspergillus terreus | Negative        | ND per 1 gram |

### MTO - Mycotoxin Testing Analysis


Analyzed Oct 08, 2020 | Instrument NA

| Analyte      | Result<br>ug/kg (ppb) | Limit<br>ug/kg | Analyte          | Result<br>ug/kg (ppb) | Limit<br>ug/kg |
|--------------|-----------------------|----------------|------------------|-----------------------|----------------|
| Ochratoxin A | ND                    | 20             | Aflatoxin B1     | ND                    | 20             |
| Aflatoxin B2 | ND                    | 20             | Aflatoxin G1     | ND                    | 20             |
| Aflatoxin G2 | ND                    | 20             | Total Aflatoxins | ND                    | 20             |

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## PES - Pesticides Screening Analysis

Analyzed Oct 08, 2020 | Instrument NA

| Analyte                 | Result ug/g | Limit ug/g | Analyte               | Result ug/g | Limit ug/g |
|-------------------------|-------------|------------|-----------------------|-------------|------------|
| Aldicarb                | ND          | 0          | Carbofuran            | ND          | 0          |
| Dimethoate              | ND          | 0          | Etofenprox            | ND          | 0          |
| Fenoxycarb              | ND          | 0          | Thiacloprid           | ND          | 0          |
| Daminozide              | ND          | 0          | Dichlorvos            | ND          | 0          |
| Imazalil                | ND          | 0          | Methiocarb            | ND          | 0          |
| Spiroxamine             | ND          | 0          | Coumaphos             | ND          | 0          |
| Fipronil                | ND          | 0          | Paclbutrazol          | ND          | 0          |
| Chlorpyrifos            | ND          | 0          | Ethoprophos (Prophos) | ND          | 0          |
| Baygon (Propoxur)       | ND          | 0          | Chlordane             | ND          | 0          |
| Chlorfenapyr            | ND          | 0          | Methyl Parathion      | ND          | 0          |
| Mevinphos               | ND          | 0          | Abamectin             | ND          | 0.3        |
| Acephate                | ND          | 5          | Acetamiprid           | ND          | 5          |
| Azoxystrobin            | ND          | 40         | Bifenazate            | ND          | 5          |
| Bifenthrin              | ND          | 0.5        | Boscalid              | ND          | 10         |
| Carbaryl                | ND          | 0.5        | Chlorantraniliprole   | ND          | 40         |
| Clofentezine            | ND          | 0.5        | Diazinon              | ND          | 0.2        |
| Dimethomorph            | ND          | 20         | Etoazole              | ND          | 1.5        |
| Fenpyroximate           | ND          | 2          | Flonicamid            | ND          | 2          |
| Fludioxonil             | ND          | 30         | Hexythiazox           | ND          | 2          |
| Imidacloprid            | ND          | 3          | Kresoxim-methyl       | ND          | 1          |
| Malathion               | ND          | 5          | Metalaxyl             | ND          | 15         |
| Methomyl                | ND          | 0.1        | Myclobutanil          | ND          | 9          |
| Naled                   | ND          | 0.5        | Oxamyl                | ND          | 0.2        |
| Permethrin              | ND          | 20         | Phosmet               | ND          | 0.2        |
| Piperonyl Butoxide      | ND          | 8          | Propiconazole         | ND          | 20         |
| Prallethrin             | ND          | 0.4        | Pyrethrin             | ND          | 1          |
| Pyridaben               | ND          | 3          | Spinosad A            | ND          | 3          |
| Spinosad D              | ND          | 3          | Spiromesifen          | ND          | 12         |
| Spirotetramat           | ND          | 13         | Tebuconazole          | ND          | 2          |
| Thiamethoxam            | ND          | 4.5        | Trifloxystrobin       | ND          | 30         |
| Acequinocyl             | ND          | 4          | Captan                | ND          | 5          |
| Cypermethrin            | ND          | 1          | Cyfluthrin            | ND          | 1          |
| Fenhexamid              | ND          | 10         | Spinetoram J,L        | ND          | 3          |
| Pentachloronitrobenzene | ND          | 0.2        |                       |             |            |

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## RES - Residual Solvents Testing Analysis

Analyzed Oct 07, 2020 | Instrument NA

| Analyte                    | Result ug/g | Limit ug/g | Analyte                      | Result ug/g | Limit ug/g |
|----------------------------|-------------|------------|------------------------------|-------------|------------|
| Propane (Prop)             | 36.8        | 5000       | Butane (But)                 | ND          | 5000       |
| Methanol (Metha)           | ND          | 3000       | Ethylene Oxide (EthOx)       | ND          | 1          |
| Pentane (Pen)              | ND          | 5000       | Ethanol (Ethan)              | 65.4        | 5000       |
| Ethyl Ether (EthEt)        | 0.9         | 5000       | Acetone (Acet)               | 6.8         | 5000       |
| Isopropanol (2-Pro)        | 58.3        | 5000       | Acetonitrile (Acetonit)      | ND          | 410        |
| Methylene Chloride (MetCh) | ND          | 1          | Hexane (Hex)                 | ND          | 290        |
| Ethyl Acetate (EthAc)      | 1.3         | 5000       | Chloroform (Clo)             | 0.0         | 1          |
| Benzene (Ben)              | ND          | 1          | 1-2-Dichloroethane (12-Dich) | ND          | 1          |
| Heptane (Hep)              | ND          | 5000       | Trichloroethylene (TriClEth) | ND          | 1          |
| Toluene (Toluene)          | 0.7         | 890        | M,P-Xylene (mp-xyl)          | 1.2         | 2170       |
| O-Xylene (o-xyl)           | 1.6         | 2170       |                              |             |            |

\*The limit of 2170 ug/g for M,P-Xylene (mp-xyl) and O-Xylene (o-xyl) is to be intended as the two analytes combined.

## FVI - Filth &amp; Foreign Material Inspection Analysis

Analyzed Oct 08, 2020 | Instrument NA

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

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