

P.O.L.

License: Personal use  
Unit Size: 1 bottle 60 ml

Sample Received: 01/30/2024  
Report Created: 02/08/2024

**Sample: Full Spectrum CBD Small Animal Pet Tincture**

**Sample Description:** Organic Hempseed Oil

| Total THC<br>mg/ Unit* | Total CBD<br>mg/ Unit* | Total<br>Cannabinoids<br>mg/ Unit |
|------------------------|------------------------|-----------------------------------|
| <LOQ                   | 320.23                 | 353.76                            |

| Cannabinoid | LOQ % | mg/ml | mg/unit |
|-------------|-------|-------|---------|
| CBD         | 0.001 | 8.670 | 320.23  |
| CBG         | 0.001 | 0.058 | 3.50    |
| CBDV        | 0.001 | 0.031 | 1.88    |
| THC Acid    | 0.001 | <LOQ  | <LOQ    |
| CBG Acid    | 0.001 | <LOQ  | <LOQ    |
| THCV Acid   | 0.001 | <LOQ  | <LOQ    |
| CBC-Acid    | 0.001 | <LOQ  | <LOQ    |
| Δ9-THC      | 0.001 | 0.293 | 17.55   |
| CBD Acid    | 0.001 | 0.024 | 1.42    |
| CBC         | 0.001 | 0.097 | 5.83    |
| CBDV Acid   | 0.001 | <LOQ  | <LOQ    |
| CBL         | 0.001 | <LOQ  | <LOQ    |
| CBN         | 0.001 | 0.056 | 3.35    |
| CBN Acid    | 0.001 | <LOQ  | <LOQ    |
| THCV        | 0.001 | <LOQ  | <LOQ    |
| Δ10-THC     | 0.001 | <LOQ  | <LOQ    |
| Δ8-THC      | 0.001 | <LOQ  | <LOQ    |

Method: HPLC-DAD. LOQ = Limit of Quantitation. Density of Hempseed Oil: 0.92g/ml. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. **\*When reporting totals, acidic cannabinoids are multiplied by 0.877 to account for loss of mass from decarboxylation upon heating; therefore, this is the POTENTIAL amount upon complete decarboxylation from smoking/ vaping.**

# PURA ANALYTICAL LABS

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Unit 1, 2984 Boys Road, DUNCAN, BC  
(250) 929-2002 <https://www.puralabs.ca>  
Health Canada Lic # LIC-LEHSCQYIYN-2022



Denise Johnson  
Head of Laboratory

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## MICROBIALS

| Microbial Parameters   | Permissible Limit | LOQ/ LOD | Results | Status |
|------------------------|-------------------|----------|---------|--------|
|                        | CFU/g             | CFU/g    | CFU/g   |        |
| Total Aerobic Bacteria | 1000              | 10       | ND      | PASS   |
| Total Yeast/ Mold      | 100               | 10       | ND      | PASS   |
| E. coli                | Absent in 1ml     | 1        | ND      | PASS   |
|                        |                   |          |         |        |

Method: Petrifilm Plate method for enumerations; Quantitative PCR for presence/ absence assays. Criteria: Eur. Ph. 5.1.4. Oral Use Limits. Absence of E. coli in 1g or 1 ml.

LOQ = Limit of Quantitation; CFU = Colony Forming Units. The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

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## HEAVY METALS

| Analyte | Permissible Limit | LOQ    | Results       | Status |
|---------|-------------------|--------|---------------|--------|
|         | ppm               | ppm    | ppm           |        |
| Arsenic | 1.5               | 0.0001 | <LOQ          | PASS   |
| Cadmium | 0.5               | 0.0001 | <LOQ          | PASS   |
| Lead    | 0.5               | 0.0001 | <LOQ          | PASS   |
| Mercury | 3.0               | 0.0001 | <b>0.0071</b> | PASS   |

Method: ICP-MS. Criteria: ICH guideline Q3D (R1) on elemental impurities Table A.2.2: Oral Use Limits. PPM = Parts per Million; LOQ = Limit of Quantitation; LOD = Limit of Detection. The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

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**Sample Description:** Organic Hempseed Oil

## PESTICIDES

| Analyte             | Permissible Limit | LOQ  | Results | Status | Analyte            | Permissible Limit | LOQ  | Results | Status |
|---------------------|-------------------|------|---------|--------|--------------------|-------------------|------|---------|--------|
|                     | ppm               | ppm  | ppm     |        |                    | ppm               | ppm  | ppm     |        |
| Abamectin           | 0.25              | 0.25 | <LOQ    | PASS   | Cyprodinil         | 0.25              | 0.25 | <LOQ    | PASS   |
| Acephate            | 0.05              | 0.05 | <LOQ    | PASS   | Daminozide         | 0.10              | 0.10 | <LOQ    | PASS   |
| Acequinocyl         | 0.05              | 0.05 | <LOQ    | PASS   | Deltamethrin       | 1.00              | 1.00 | <LOQ    | PASS   |
| Acetamiprid         | 0.10              | 0.10 | <LOQ    | PASS   | Diazinon           | 0.02              | 0.02 | <LOQ    | PASS   |
| Aldicarb            | 1.00              | 1.00 | <LOQ    | PASS   | Dichlorvos         | 0.10              | 0.10 | <LOQ    | PASS   |
| Allethrin           | 0.20              | 0.20 | <LOQ    | PASS   | Dimethoate         | 0.02              | 0.02 | <LOQ    | PASS   |
| Azadirachtin        | 1.00              | 1.00 | <LOQ    | PASS   | Dimethomorph       | 0.05              | 0.05 | <LOQ    | PASS   |
| Azoxystrobin        | 0.02              | 0.02 | <LOQ    | PASS   | Dinotefuran        | 0.10              | 0.10 | <LOQ    | PASS   |
| Benzovindiflupyr    | 0.02              | 0.02 | <LOQ    | PASS   | Dodemorph          | 0.05              | 0.05 | <LOQ    | PASS   |
| Bifenazate          | 0.05              | 0.05 | <LOQ    | PASS   | Endosulfan Sulfate | 0.50              | 0.50 | <LOQ    | PASS   |
| Bifenthrin          | 1.00              | 1.00 | <LOQ    | PASS   | Endosulfan-alpha   | 0.20              | 0.20 | <LOQ    | PASS   |
| Boscalid            | 0.02              | 0.02 | <LOQ    | PASS   | Endosulfan-beta    | 0.50              | 0.50 | <LOQ    | PASS   |
| Buprofezin          | 0.02              | 0.02 | <LOQ    | PASS   | Ethoprophos        | 0.02              | 0.02 | <LOQ    | PASS   |
| Carbaryl            | 0.05              | 0.05 | <LOQ    | PASS   | Etofenprox         | 0.05              | 0.05 | <LOQ    | PASS   |
| Carbofuran          | 0.02              | 0.02 | <LOQ    | PASS   | Etoxazole          | 0.02              | 0.02 | <LOQ    | PASS   |
| Chlorantraniliprole | 0.02              | 0.02 | <LOQ    | PASS   | Etridiazol         | 0.03              | 0.03 | <LOQ    | PASS   |
| Chlorphenapyr       | 0.10              | 0.10 | <LOQ    | PASS   | Fenoxycarb         | 0.02              | 0.02 | <LOQ    | PASS   |
| Chlorpyrifos        | 0.04              | 0.04 | <LOQ    | PASS   | Fenpyroximate      | 0.02              | 0.02 | <LOQ    | PASS   |
| Clofentezine        | 0.02              | 0.02 | <LOQ    | PASS   | Fensulfothion      | 0.02              | 0.02 | <LOQ    | PASS   |
| Clothianidin        | 0.05              | 0.05 | <LOQ    | PASS   | Fenthion           | 0.02              | 0.02 | <LOQ    | PASS   |
| Coumaphos           | 0.02              | 0.02 | <LOQ    | PASS   | Fenvalerate        | 0.10              | 0.10 | <LOQ    | PASS   |
| Cyantranilipole     | 0.02              | 0.02 | <LOQ    | PASS   | Fipronil           | 0.06              | 0.06 | <LOQ    | PASS   |
| Cyfluthrin          | 1.00              | 1.00 | <LOQ    | PASS   | Fonicamid          | 0.05              | 0.05 | <LOQ    | PASS   |
| Cypermethrin        | 1.00              | 1.00 | <LOQ    | PASS   | Fludioxonil        | 0.02              | 0.02 | <LOQ    | PASS   |

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Method: LC-MS/MS Dual Ion Source. **Limits are set by Health Canada for Cannabis Concentrates.** PPM = Parts per Million; LOQ = Limit of Quantitation. The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. ND = Not Detectable, NR = Not Reported, NT = Not Tested

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**Sample: Full Spectrum CBD Small Animal Pet Tincture**

**Sample Description:** Organic Hempseed Oil

## PESTICIDES

| Analyte          | Permissible Limit | LOQ  | Results | Status | Analyte            | Permissible Limit | LOQ  | Results | Status |
|------------------|-------------------|------|---------|--------|--------------------|-------------------|------|---------|--------|
|                  | ppm               | ppm  | ppm     |        |                    | ppm               | ppm  | ppm     |        |
| Fluopyram        | 0.02              | 0.02 | <LOQ    | PASS   | Piperonyl Butoxide | 0.25              | 0.25 | <LOQ    | PASS   |
| Hexythiazox      | 0.01              | 0.01 | <LOQ    | PASS   | Pirimicarb         | 0.02              | 0.02 | <LOQ    | PASS   |
| Imazalil         | 0.05              | 0.05 | <LOQ    | PASS   | Prallethrin        | 0.05              | 0.05 | <LOQ    | PASS   |
| Imidacloprid     | 0.02              | 0.02 | <LOQ    | PASS   | Propiconazole      | 0.10              | 0.10 | <LOQ    | PASS   |
| Iprodione        | 1.00              | 1.00 | <LOQ    | PASS   | Propoxur           | 0.02              | 0.02 | <LOQ    | PASS   |
| Kinoprene        | 0.50              | 0.50 | <LOQ    | PASS   | Pyraclostrobin     | 0.02              | 0.02 | <LOQ    | PASS   |
| Kresoxim-methyl  | 0.02              | 0.02 | <LOQ    | PASS   | Pyrethrins         | 0.05              | 0.05 | <LOQ    | PASS   |
| Malathion        | 0.02              | 0.02 | <LOQ    | PASS   | Pyridaben          | 0.05              | 0.05 | <LOQ    | PASS   |
| Metalaxyl        | 0.02              | 0.02 | <LOQ    | PASS   | Resmethrin         | 0.10              | 0.10 | <LOQ    | PASS   |
| Methiocarb       | 0.02              | 0.02 | <LOQ    | PASS   | Spinetoram         | 0.02              | 0.02 | <LOQ    | PASS   |
| Methomyl         | 0.05              | 0.05 | <LOQ    | PASS   | Spinosad           | 0.10              | 0.10 | <LOQ    | PASS   |
| Methoprene       | 2.00              | 2.00 | <LOQ    | PASS   | Spirodiclofen      | 0.25              | 0.25 | <LOQ    | PASS   |
| Mevinphos        | 0.05              | 0.05 | <LOQ    | PASS   | Spiromesifen       | 3.00              | 3.00 | <LOQ    | PASS   |
| MGK-264          | 0.05              | 0.05 | <LOQ    | PASS   | Spirotetramat      | 0.10              | 0.10 | <LOQ    | PASS   |
| Myclobutanil     | 0.02              | 0.02 | <LOQ    | PASS   | Spiroxamine        | 0.10              | 0.10 | <LOQ    | PASS   |
| Naled            | 0.20              | 0.20 | <LOQ    | PASS   | Tebuconazole       | 0.05              | 0.05 | <LOQ    | PASS   |
| Novaluron        | 0.05              | 0.05 | <LOQ    | PASS   | Tebufenozide       | 0.02              | 0.02 | <LOQ    | PASS   |
| Oxamyl           | 3.00              | 3.00 | <LOQ    | PASS   | Teflubenzuron      | 0.05              | 0.05 | <LOQ    | PASS   |
| Paclobutrazol    | 0.02              | 0.02 | <LOQ    | PASS   | Tetramethrin       | 0.10              | 0.10 | <LOQ    | PASS   |
| Parathion Methyl | 0.05              | 0.05 | <LOQ    | PASS   | Tetrachlorvinphos  | 0.02              | 0.02 | <LOQ    | PASS   |
| PCNB             | 0.02              | 0.02 | <LOQ    | PASS   | Thiacloprid        | 0.02              | 0.02 | <LOQ    | PASS   |
| Permethrin       | 0.50              | 0.50 | <LOQ    | PASS   | Thiamethoxam       | 0.02              | 0.02 | <LOQ    | PASS   |
| Phenothrin       | 0.05              | 0.05 | <LOQ    | PASS   | Thiophanate-Methyl | 0.05              | 0.05 | <LOQ    | PASS   |
| Phosmet          | 0.02              | 0.02 | <LOQ    | PASS   | Trifloxystrobin    | 0.02              | 0.02 | <LOQ    | PASS   |

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**Sample Description:** Organic Hempseed Oil

## RESIDUAL SOLVENTS

| Analyte                     | Permissible Limit ppm | LOQ ppm | Result ppm | Status |
|-----------------------------|-----------------------|---------|------------|--------|
| Acetic acid                 | ≤ 5000                | 500     | <LOQ       | PASS   |
| Acetone                     | ≤ 5000                | 50      | <LOQ       | PASS   |
| Anisole                     | ≤ 5000                | 50      | <LOQ       | PASS   |
| 1-Butanol                   | ≤ 5000                | 50      | <LOQ       | PASS   |
| 2-Butanol                   | ≤ 5000                | 50      | <LOQ       | PASS   |
| Butane (sum of n- and iso-) | ≤ 5000                | 50      | <LOQ       | PASS   |
| Butyl acetate               | ≤ 5000                | 50      | <LOQ       | PASS   |
| Tert-Butyl methyl ether     | ≤ 5000                | 50      | <LOQ       | PASS   |
| Dimethyl sulfoxide          | ≤ 5000                | 50      | <LOQ       | PASS   |
| Ethanol                     | ≤ 5000                | 50      | <LOQ       | PASS   |
| Ethyl acetate               | ≤ 5000                | 50      | <LOQ       | PASS   |
| Ethyl ether                 | ≤ 5000                | 50      | <LOQ       | PASS   |
| Ethyl formate               | ≤ 5000                | 50      | <LOQ       | PASS   |
| Formic acid                 | ≤ 5000                | 500     | <LOQ       | PASS   |
| Heptane                     | ≤ 5000                | 50      | <LOQ       | PASS   |
| Isobutyl acetate            | ≤ 5000                | 50      | <LOQ       | PASS   |
| Isopropyl acetate           | ≤ 5000                | 50      | <LOQ       | PASS   |
| Methyl acetate              | ≤ 5000                | 50      | <LOQ       | PASS   |
| 3-Methyl-1-butanol          | ≤ 5000                | 50      | <LOQ       | PASS   |
| Methyl ethyl ketone         | ≤ 5000                | 50      | <LOQ       | PASS   |
| 2-Methyl-1-propanol         | ≤ 5000                | 50      | <LOQ       | PASS   |
| Pentane                     | ≤ 5000                | 50      | <LOQ       | PASS   |
| 1-Pentanol                  | ≤ 5000                | 50      | <LOQ       | PASS   |
| 1-Propanol                  | ≤ 5000                | 50      | <LOQ       | PASS   |
| 2-Propanol (Isopropanol)    | ≤ 5000                | 50      | <LOQ       | PASS   |
| Propane                     | ≤ 5000                | 50      | <LOQ       | PASS   |
| Propyl acetate              | ≤ 5000                | 50      | <LOQ       | PASS   |
| Triethylamine               | ≤ 5000                | 500     | <LOQ       | PASS   |

Method: GC-FID. Criteria: ICH guideline Q3C (R6) on impurities: guideline for residual solvents; Table 3, Class 3 Residual Solvents. LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. ND = Not Dete

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