**CAN+ - Cannabinoids Analysis**

Analyzed Apr 10, 2023 | Instrument HPLC/MS/MS | Method SOP-001

The expanded Uncertainty of the Cannabinoid analysis is approximately ±

<table>
<thead>
<tr>
<th>Analyte</th>
<th>LOD mg/g</th>
<th>LOQ mg/g</th>
<th>Result %</th>
<th>Result mg/g</th>
<th>Result mg/Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cannabivarin (CBDV)</td>
<td>0.001</td>
<td>0.16</td>
<td>0.01</td>
<td>0.02</td>
<td>14.16</td>
</tr>
<tr>
<td>Cannabinolic Acid (CBDA)</td>
<td>0.001</td>
<td>0.16</td>
<td>0.02</td>
<td>0.24</td>
<td>14.16</td>
</tr>
<tr>
<td>Cannobipolar Acid (CBGA)</td>
<td>0.001</td>
<td>0.16</td>
<td>ND</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Cannabigerol (CBG)</td>
<td>0.001</td>
<td>0.16</td>
<td>0.05</td>
<td>0.50</td>
<td>29.82</td>
</tr>
<tr>
<td>Cannabidiol (CBD)</td>
<td>0.001</td>
<td>0.16</td>
<td>0.25</td>
<td>2.46</td>
<td>147.34</td>
</tr>
<tr>
<td>Tetrahydrocannabivarin (THCV)</td>
<td>0.001</td>
<td>0.16</td>
<td>ND</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Cannabinol (CBN)</td>
<td>0.001</td>
<td>0.16</td>
<td>ND</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Δ9-tetrahydrocannabinol (Δ9-THC)</td>
<td>0.001</td>
<td>0.16</td>
<td>ND</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Δ8-tetrahydrocannabinol (Δ8-THC)</td>
<td>0.001</td>
<td>0.16</td>
<td>ND</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Cannabicyclol (CBL)</td>
<td>0.002</td>
<td>0.16</td>
<td>ND</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Cannabichrome (CBC)</td>
<td>0.002</td>
<td>0.16</td>
<td>ND</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Tetrahydrocannabinolic Acid (THCA)</td>
<td>0.001</td>
<td>0.16</td>
<td>ND</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Total THC (THCa * 0.877 + Δ9THC)</td>
<td>ND</td>
<td>ND</td>
<td>ND</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Total THC + Δ8THC (THCa * 0.877 + Δ8THC + Δ9THC)</td>
<td>0.27</td>
<td>2.67</td>
<td>159.96</td>
<td>60.0</td>
<td></td>
</tr>
<tr>
<td>Total CBD (CBGa * 0.877 + CBD)</td>
<td>0.05</td>
<td>0.50</td>
<td>29.82</td>
<td>28.0</td>
<td></td>
</tr>
<tr>
<td>Total CBG (CBGa * 0.877 + CBG)</td>
<td>0.05</td>
<td>0.50</td>
<td>29.82</td>
<td>28.0</td>
<td></td>
</tr>
<tr>
<td>Total Cannabinoids</td>
<td>0.32</td>
<td>3.24</td>
<td>194.34</td>
<td>78.0</td>
<td></td>
</tr>
</tbody>
</table>

**HME - Heavy Metals Analysis**

Analyzed Apr 15, 2023 | Instrument ICP/MS/MS | Method SOP-005

<table>
<thead>
<tr>
<th>Analyte</th>
<th>LOD ug/kg</th>
<th>LOQ ug/kg</th>
<th>Result ug/kg (ppb)</th>
<th>Limit ug/kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arsenic (As)</td>
<td>0.0002</td>
<td>0.0005</td>
<td>ND</td>
<td>1.5</td>
</tr>
<tr>
<td>Cadmium (Cd)</td>
<td>3.0e-05</td>
<td>0.0005</td>
<td>ND</td>
<td>0.5</td>
</tr>
<tr>
<td>Mercury (Hg)</td>
<td>1.0e-05</td>
<td>0.0001</td>
<td>ND</td>
<td>3</td>
</tr>
<tr>
<td>Lead (Pb)</td>
<td>1.0e-05</td>
<td>0.0002</td>
<td>ND</td>
<td>0.5</td>
</tr>
</tbody>
</table>

**MIBNIG - Microbial Analysis**

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

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Result CFU/g</th>
<th>Limit</th>
<th>Analyte</th>
<th>Result CFU/g</th>
<th>Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shiga toxin-producing Escherichia Coli</td>
<td>ND</td>
<td>ND per 1 gram</td>
<td>Salmonella spp.</td>
<td>ND</td>
<td>ND per 1 gram</td>
</tr>
</tbody>
</table>

**MTO - Mycotoxin Analysis**

Analyzed Apr 13, 2023 | Instrument LC/MS/MS | Method SOP-004

<table>
<thead>
<tr>
<th>Analyte</th>
<th>LOD ug/kg</th>
<th>LOQ ug/kg</th>
<th>Result ug/kg (ppb)</th>
<th>Limit ug/kg</th>
<th>LOD ug/kg</th>
<th>LOQ ug/kg</th>
<th>Result ug/kg (ppb)</th>
<th>Limit ug/kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ochratoxin A</td>
<td>5.0</td>
<td>20.0</td>
<td>ND</td>
<td>20</td>
<td>Ochratoxin B</td>
<td>5.0</td>
<td>5.0</td>
<td>ND</td>
</tr>
<tr>
<td>Aflatoxin B2</td>
<td>2.5</td>
<td>5.0</td>
<td>ND</td>
<td>-</td>
<td>Aflatoxin G1</td>
<td>2.5</td>
<td>5.0</td>
<td>ND</td>
</tr>
<tr>
<td>Aflatoxin G2</td>
<td>2.5</td>
<td>5.0</td>
<td>ND</td>
<td>-</td>
<td>Total Aflatoxins</td>
<td>10.0</td>
<td>20.0</td>
<td>ND</td>
</tr>
</tbody>
</table>

**Heavy Metals Analysis**

- Arsenic (As)
- Cadmium (Cd)
- Mercury (Hg)
- Lead (Pb)

**Microbial Analysis**

- Shiga toxin-producing Escherichia Coli
- Salmonella spp.

**Mycotoxin Analysis**

- Ochratoxin A
- Aflatoxin B2
- Aflatoxin G2
- Total Aflatoxins

**Cannabinoid Analysis**

- Cannabivarin (CBDV)
- Cannabinolic Acid (CBDA)
- Cannobipolar Acid (CBGA)
- Cannabigerol (CBG)
- Cannabidiol (CBD)
- Tetrahydrocannabivarin (THCV)
- Cannabinol (CBN)
- Δ9-tetrahydrocannabinol (Δ9-THC)
- Δ8-tetrahydrocannabinol (Δ8-THC)
- Cannabicyclol (CBL)
- Cannabichrome (CBC)
- Tetrahydrocannabinolic Acid (THCA)
- Total THC (THCa * 0.877 + Δ9THC)
- Total THC + Δ8THC (THCa * 0.877 + Δ8THC + Δ9THC)
- Total CBD (CBGa * 0.877 + CBD)
- Total CBG (CBGa * 0.877 + CBG)
- Total Cannabinoids

**Heavy Metals Analysis**

- Arsenic (As)
- Cadmium (Cd)
- Mercury (Hg)
- Lead (Pb)

**Microbial Analysis**

- Shiga toxin-producing Escherichia Coli

**Mycotoxin Analysis**

- Ochratoxin A
- Aflatoxin B2
- Aflatoxin G2
- Total Aflatoxins
PES - Pesticides Analysis
Analyzed Apr 15, 2023 | Instrument LC/MSMS GC/MSMS | Method SOP-005

Analyzed CFU/g
> ULOL
< LOQ
LOQ
LOD
NT
N/A
ND

Analyzed Residue per 3g
> 1/4 of the total sample area covered by mold
> 1/4 of the total sample area covered by mold
> 1/4 of the total sample area covered by mold

Analyzed Analyte / Limit
Chlorpyrifos
0.09

Pentachloronitrobenzene
Cypermethrin
Acequinocyl
Spinosad D
Piperonyl Butoxide
Permethrin
Naled
Malathion
Imidacloprid
Fludioxonil
Fenpyroximate
Clofentezine
Bifenthrin
Acephate
Mevinphos
Chlorfenapyr
Chlorpyrifos
Fipronil
Spiroxamine
Daminozide
Fenoxycarb
Dimethoate

Analyte / Limit
Ethylene Oxide (EthOx)
Acetonitrile (Acetonit)
Acetone (Acet)
Hexane (Hex)
Chloroform (Clo)
1-2-Dichloroethane (12-Dich)
Trichloroethylene (TriClEth)
Chloroform (TriCEth)
Xylenes (Xyl)

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

Analyte / Limit
> 1/4 of the total sample area covered by mold
> 1/4 of the total sample area covered by mold
> 1/4 of the total sample area covered by mold

Analyzed Instrument
GC/FID with Headspace Analyzer

RESULT - Microscope | Method SOP-010

Analyzed
Apr 07, 2023

Analyzed
Apr 11, 2023

Analyzed
Apr 13, 2023

Pesticides Analysis
Residual Solvents Analysis

Brandon Starr, Lab Manager
Fri, 14 Apr 2023 10:26:58 -0700

Scan the QR code to verify authenticity.

Authorized Signature

Recommended for the diagnosis, treatment or prevention of disease.
Results are only for samples and batches indicated. Results are reported on an "as received" basis, unless indicated otherwise.

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