

Gobi Hemp - CDPHE Certified Certificate of Analysis



Manifest: 2210030004
Sample ID: 1A-GHEMP-2210030004-0001
Sample Name: 1400003
Sample Type: Concentrate
Test Performed: Potency
Report No: P-2210030004-V1

Receive Date: 2022-10-03
Test Date: 2022-10-05
Report Date: 2022-10-06
Sample Condition: Good
Method Reference: GH-OP-06

Scope: The content of 21 cannabinoids was determined by an in-house developed method certified by CDPHE for solvent extraction followed by High Performance Liquid Chromatography with Diode Array Detection.

| | percent | mg/g |
|---------------------|---------|------|
| Total THC | ND | ND |
| Total CBD | ND | ND |
| Total CBG | ND | ND |
| Total Cannabinoids | ND | ND |
| Total THC:CBD Ratio | NA | |

Total CBD = CBD + (CBDA x 0.877); Total CBG = CBG + (CBGA x 0.877) Total THC = Δ^9 THC + (THCA x 0.877)

| Cannabinoids | LOD percent | LOQ percent | percent | mg/g |
|----------------------|-------------|-------------|---------|------|
| CBDVA | 0.0399 | 0.307 | ND | ND |
| CBDV | 0.0117 | 0.307 | ND | ND |
| CBDA | 0.0185 | 0.307 | ND | ND |
| CBGA | 0.0136 | 0.307 | ND | ND |
| CBG | 0.037 | 0.307 | ND | ND |
| CBD | 0.0394 | 0.307 | ND | ND |
| Δ^9 THCV | 0.0165 | 0.307 | ND | ND |
| Δ^9 THCVA | 0.0175 | 0.307 | ND | ND |
| CBN | 0.0165 | 0.307 | ND | ND |
| CBNA | 0.0272 | 0.307 | ND | ND |
| EXO-THC | 0.0525 | 0.307 | ND | ND |
| Δ^9 THC | 0.0258 | 0.307 | ND | ND |
| Δ^8 THC | 0.0457 | 0.307 | ND | ND |
| Δ^{10} -S THC | 0.0199 | 0.307 | ND | ND |
| CBL | 0.0467 | 0.307 | ND | ND |
| Δ^{10} -R THC | 0.0117 | 0.307 | ND | ND |
| CBC | 0.0049 | 0.307 | ND | ND |
| Δ^9 THCA | 0.0209 | 0.307 | ND | ND |
| CBCA | 0.0389 | 0.307 | ND | ND |
| CBLA | 0.0389 | 0.307 | ND | ND |
| CBT | 0.0185 | 0.307 | ND | ND |

ND - not detected; T - trace; ULOQ - upper limit of quantitation

Lab Comments: Δ^9 -THC Uncertainty = +/- 0.025% HHC-S = 34.65% HHC-R = 57.57%

Jon Person Client Relations Manager

2022-10-06

Date

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Method Reference: GH-OP-06

Scope

The content of fifteen residual solvents was determined by an in-house developed method for Headspace-Gas Chromatography with Flame Ionization Detection.

| Solvents | LOD (ppm) | LOQ (ppm) | Parts Per Million (ppm) |
|---------------|-----------|-----------|-------------------------|
| Propane | 135 | 372 | ND |
| Iso-Butane | 82 | 490 | ND |
| N-Butane | 107 | 490 | ND |
| Methanol | 38 | 120 | ND |
| Pentane | 73 | 100 | ND |
| Ethanol | 50 | 200 | ND |
| Acetone | 82 | 200 | ND |
| IPA | 40 | 200 | ND |
| Hexane | 25 | 50 | ND |
| Ethyl Acetate | 57 | 200 | ND |
| Benzene | 0.65 | 1 | ND |
| Heptane | 137 | 200 | ND |
| Toluene | 75 | 100 | ND |
| Xylenes | 112 | 200 | ND |

ND - not detected; T - trace; ULOQ - upper limit of quantitation; LOD - limit of detection; LOQ - limit of quantitation

Laboratory Comments:



Jon Person Client Relations Manager

2022-09-15

Date

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Method Reference: GH-OP-06

Scope

Arsenic, Cadmium, Lead and Mercury were determined by an Inductively Coupled Plasma Mass Spectrometer (ICP-MS) using an in-house developed method.

| Metals | LOD (ppm) | LOQ (ppm) | Parts Per Million (ppm) |
|---------|-----------|-----------|-------------------------|
| Arsenic | 0.007 | 0.025 | ND |
| Cadmium | 0.003 | 0.010 | ND |
| Lead | 0.003 | 0.010 | ND |
| Mercury | 0.0009 | 0.003 | ND |

ND - not detected; T - trace; ULOQ - upper limit of quantitation; LOD - limit of detection; LOQ - limit of quantitation

Laboratory Comments:



Jon Person Client Relations Manager

2022-09-15

Date

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Gobi Hemp

Pesticide Residues Report - Certificate of Analysis



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 Report Date: 2022-10-06
 Sample Condition: Good
 Method Reference: GH-OP-06

Scope

The content of 60 pesticides were quantified using liquid chromatography coupled to multiple mass spectrometry (LC-MS2) equipped with electrospray ionization (ESI) in positive mode after sample extraction using methodology based on AOAC 2007 and EN 15662 standard procedures. Identification was based on the retention time of each compound and the product mass generated using single reaction monitoring (SRM), and quantitation was determined using external standard calibration.

| Analyte | Reporting Level µg/g | µg/g |
|-------------------------|----------------------|------|
| Avermectin B1a | 0.1 | ND |
| Acephate | 0.1 | ND |
| Acetamiprid | 0.1 | ND |
| Aldicarb | 0.1 | ND |
| Azoxystrobin | 0.1 | ND |
| Bifenazate | 0.1 | NT |
| Bifenthrin | 0.1 | ND |
| Boscalid | 0.1 | ND |
| Captan | 0.1 | ND |
| Carbaryl | 0.1 | ND |
| Carbofuran | 0.1 | ND |
| Chlorantraniliprole | 0.1 | ND |
| Chlordane | 0.1 | ND |
| Chlorpyrifos | 0.1 | ND |
| Clofentazine | 0.1 | ND |
| Coumaphos | 0.1 | ND |
| Baythroid (Cyfluthrin)* | 0.1 | NT |
| Cypermethrin* | 0.1 | ND |
| Dichlorvos | 0.1 | ND |
| Diazinon | 0.1 | ND |
| Dimethoate | 0.1 | ND |
| Dimethomorph* | 0.1 | ND |
| Prophos | 0.1 | ND |
| Etofenprox | 0.1 | ND |
| Etoxazole | 0.1 | ND |
| Fenhexamid | 0.1 | ND |
| Fenoxycarb | 0.1 | ND |
| Fenpyroximate | 0.1 | ND |
| Fipronil | 0.1 | ND |
| Flonicamid | 0.1 | ND |
| Fludioxonil | 0.1 | ND |

| Analyte | Reporting Level µg/g | µg/g |
|-------------------------|----------------------|------|
| Hexythiazox | 0.1 | ND |
| Imazilil | 0.1 | ND |
| Imidacloprid | 0.1 | ND |
| Kresoxim Methyl | 0.1 | ND |
| Malathion | 0.1 | ND |
| Metalaxyl | 0.1 | ND |
| Methiocarb | 0.1 | ND |
| Methomyl | 0.1 | ND |
| Mevinphos* | 0.1 | ND |
| MGK-264 | 0.1 | NT |
| Myclobutanil | 0.1 | ND |
| Oxamyl | 0.1 | ND |
| Paclobutrazol | 0.1 | ND |
| Pentachloronitrobenzene | 0.1 | ND |
| Permethrin* | 0.1 | ND |
| Imidan(Phosmet) | 0.1 | ND |
| Piperonyl Butoxide | 0.1 | ND |
| Propiconazole | 0.1 | ND |
| Propuxor | 0.1 | ND |
| Pyrethrin* | 0.1 | ND |
| Pyridaben | 0.1 | ND |
| Spinetoram | 0.1 | ND |
| Spinosad* | 0.1 | ND |
| Spiromefesin | 0.1 | ND |
| Spirotetramat | 0.1 | ND |
| Spiroxamine | 0.1 | ND |
| Tebuconazole | 0.1 | ND |
| Thiacloprid | 0.1 | ND |
| Thiamethoxam | 0.1 | ND |
| Trifloxystrobin | 0.1 | ND |

NT - not tested; ND - not detected above Reporting Level; T - trace; * Total of Isomers

Lab Comments:

Jon Person Client Relations Manager

2022-09-19

Date

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