

Gobi Hemp - CDPHE Certified Certificate of Analysis



Manifest: 2307310001
Sample ID: 1A-GHEMP-2307310001-0001
Sample Name: MSE CBD ISOLATE - CC-X
Sample Type: Concentrate
Client ID: CID-00096
Client: Infinite CBD
Address: 12364 Alameda Parkway #115, Lakewood, Colorado 80228

Test Performed: Potency
Report No: P-2307310001-V1
Receive Date: 2023-07-31
Test Date: 2023-07-31
Report Date: 2023-08-03
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	99.50	995.00
Total CBG	ND	ND
Total Cannabinoids	99.76	997.60
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	0.10867	0.83756	ND	ND
CBDV	0.00318	0.08376	0.26	2.60
CBDA	0.05036	0.83756	ND	ND
CBGA	0.03711	0.83756	ND	ND
CBG	0.10072	0.83756	ND	ND
CBD	0.10735	0.83756	99.50	995.00
Δ^9 THCV	0.04506	0.83756	ND	ND
Δ^9 THCVA	0.04771	0.83756	ND	ND
CBN	0.04506	0.83756	ND	ND
CBNA	0.07421	0.83756	ND	ND
EXO-THC	0.14313	0.83756	ND	ND
Δ^9 THC	0.00702	0.08376	ND	ND
Δ^8 THC	0.12457	0.83756	ND	ND
Δ^{10} -S THC	0.05434	0.83756	ND	ND
CBL	0.12722	0.83756	ND	ND
Δ^{10} -R THC	0.03181	0.83756	ND	ND
CBC	0.01325	0.83756	ND	ND
Δ^9 THCA	0.05699	0.83756	ND	ND
CBCA	0.10602	0.83756	ND	ND
CBLA	0.10602	0.83756	ND	ND
CBT	0.05036	0.83756	ND	ND

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

Lab Comments: Δ^9 -THC Uncertainty = +/- 0.007%

Jon Person

Jon Person Director of Communication

2023-08-03

Date



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Analytical Report - Certificate of Analysis



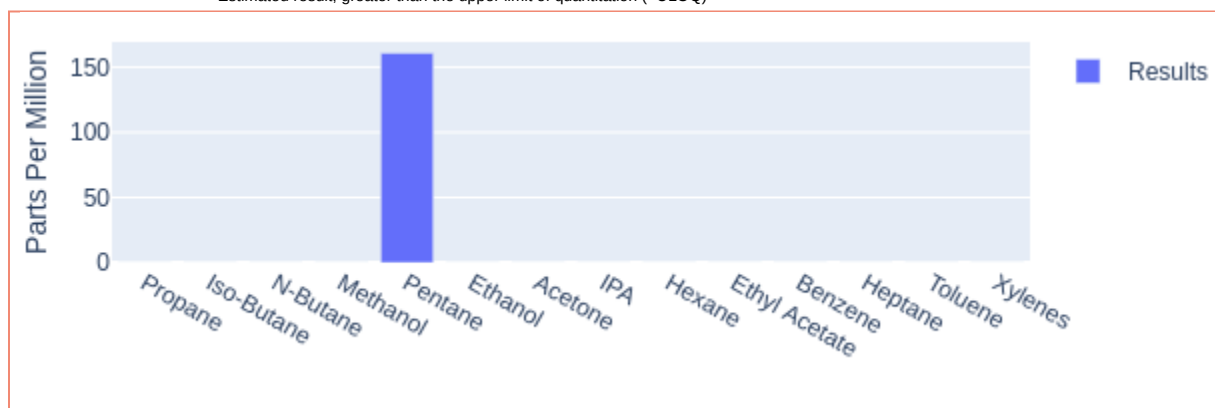
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Address: 12364 Alameda Parkway #115, Lakewood, Colorado 80228

Test Performed: Hemp Lab
Report No: R-2307310001-V1
Receive Date: 2023-07-31
Test Date: 2023-08-02
Report Date: 2023-08-03
Sample Condition: Good
Method Reference: GH-OP-08

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	160.86
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; LOD - limit of detection; LOQ - limit of quantitation; ULOQ - upper limit of quantitation;
*Estimated result, greater than the upper limit of quantitation (>ULOQ)



Lab Comments:

Jon Person

Jon Person Director of Communication

2023-08-03

Date



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Gobi Hemp - Terpene Report - Certificate of Analysis



Manifest: 2307310001
Sample Id: 1A-GHEMP-2307310001-0001
Sample Name: MSE CBD ISOLATE - CC-X
Sample Type: Concentrate
Client Id: CID-00096
Client: Infinite CBD
Address: 12364 Alameda Parkway #115, Lakewood, Colorado 80228

Test Performed: Hemp Lab
Report No: T-2307310001-V1
Receive Date: 2023-07-31
Test Date: 2023-07-31
Report Date: 2023-08-03
Sample Condition: Good
Method Reference: GA-OP-14

Total Terpenes	ND%
Major Terpenes	Percent
Terpinolene	ND
a-Phellandrene	ND
Ocimene	ND
3-carene	ND
D-Limonene	ND
y-Terpinene	ND
a-Pinene	ND
a-Terpinene	ND
b-Pinene	ND
Fenchyl Alcohol	ND
Camphene	ND
a-Terpineol	ND
Humulene	ND
b-Caryophyllene	ND
Linalool	ND
Caryophyllene Oxide	ND
b-Myrcene	ND

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

Minor Terpenes	µg/g (ppm)
Sabinene	ND
p-Cymene	ND
Eucalyptol	ND
Sabinene Hydrate	ND
Fenchone	ND
Isopulegol	ND
b-Terpineol	ND
Isoborneol	ND

Minor Terpenes	µg/g (ppm)
Borneol	ND
Menthol	ND
y-Terpineol	ND
Nerol	ND
Pulegone	ND
Geraniol	ND
Geraniol Acetate	ND
a-Cedrene	ND

Minor Terpenes	µg/g (ppm)
Camphor	ND
Valencene	ND
cis-Nerolidol	ND
trans-Nerolidol	ND
Guaiol	ND
Cedrol	ND
a-Bisabolol	ND
b-Cedrene	ND

Lab Comments:

Jon Person

Jon Person Director of Communication

2023-08-03

Date



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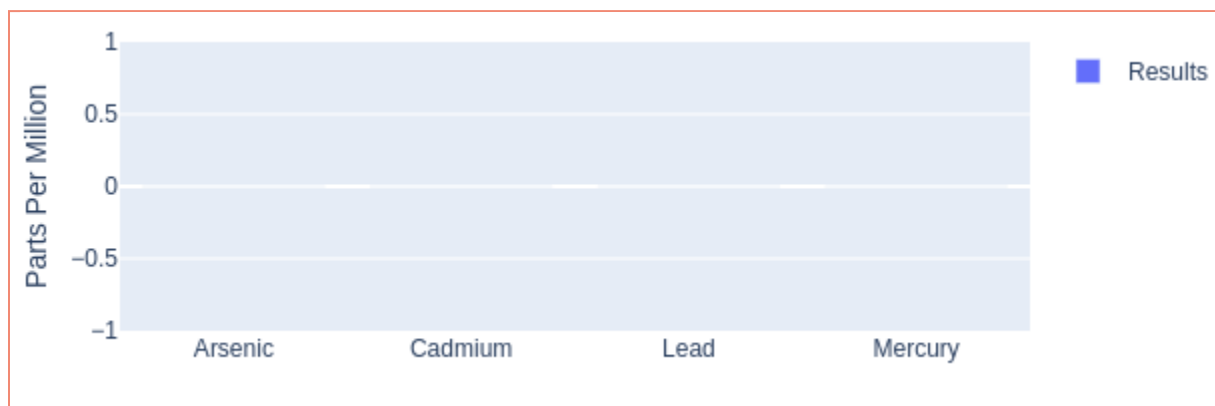
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Sample Type: Concentrate
Client ID: CID-00096
Client: Infinite CBD
Address: 12364 Alameda Parkway #115, Lakewood, Colorado 80228

Test Performed: Hemp Lab
Intended Use: Inhaled or Audited Product
Report No: MT-2307310001-V1
Receive Date: 2023-07-31
Test Date: 2023-08-02
Report Date: 2023-08-03
Sample Condition: Good
Method Reference: GH-OP-17

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

Elemental Impurities	LOD (ppm)	LOQ (ppm)	Parts Per Million (ppm)
Arsenic	0.007	0.025	ND
Cadmium	0.003	0.01	ND
Lead	0.003	0.01	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



Lab Comments:

Kristen Kenworthy, Laboratory Operations Manager

2023-08-03

Date



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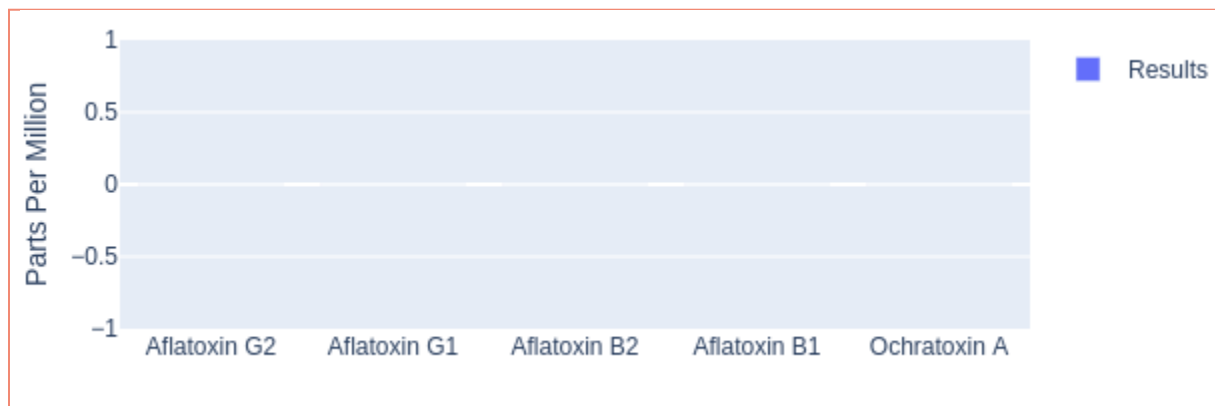
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Address: 12364 Alameda Parkway #115, Lakewood, Colorado 80228

Test Performed: Hemp Lab
Report No: R-2307310001-V1
Receive Date: 2023-07-31
Test Date: 2023-08-01
Report Date: 2023-08-07
Sample Condition: Good
Method Reference: GH-OP-16

Scope: Ochratoxin and Total Aflatoxin were quantified using liquid chromatography coupled to multiple mass spectrometry (LC-MS/MS) equipped with electrospray ionization (ESI) in positive mode after sample extraction. Identification was based on the retention time of each compound and the product mass generated using single reaction monitoring (SRM). Quantitation was determined using external calibration.

Mycotoxins	LOD (ppm)	LOQ (ppm)	Reporting Limits (ppm)	Parts Per Million (ppm)
Aflatoxin G2	0.0019	0.0050	0.0050	ND
Aflatoxin G1	0.0011	0.0050	0.0050	ND
Aflatoxin B2	0.0017	0.0050	0.0050	ND
Aflatoxin B1	0.0015	0.0050	0.0050	ND
Ochratoxin A	0.0033	0.0050	0.0050	ND

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



Lab Comments:

Jon Person

Jon Person Director of Communication

2023-08-07

Date



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Test Performed: Hemp Lab
Report No: PE-2307310001-V1
Receive Date: 2023-07-31
Test Date: 2023-08-01
Report Date: 2023-08-07
Sample Condition: Good
Method Reference: GH-OP-11

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	Analyte	Reporting Level µg/g	µg/g
Avermectin B1a	0.1	ND	Hexythiazox	0.1	ND
Acephate	0.1	ND	Imazilil	0.1	ND
Acetamiprid	0.1	ND	Imidacloprid	0.1	ND
Aldicarb	0.1	ND	Kresoxim Methyl	0.1	ND
Azoxystrobin	0.1	ND	Malathion	0.1	ND
Bifenazate	0.1	ND	Metalaxyl	0.1	ND
Bifenthrin	0.1	ND	Methiocarb	0.1	ND
Boscalid	0.1	ND	Methomyl	0.1	ND
Captan	0.1	ND	Mevinphos*	0.1	ND
Carbaryl	0.1	ND	MGK-264	0.1	NT
Carbofuran	0.1	ND	Myclobutanil	0.1	ND
Chlorantraniliprole	0.1	ND	Oxamyl	0.1	ND
Chlordane	0.1	ND	Paclobutrazol	0.1	ND
Chlorpyrifos	0.1	ND	Pentachloronitrobenzene	0.1	ND
Clofentazine	0.1	ND	Permethrin*	0.1	ND
Coumaphos	0.1	ND	Imidan(Phosmet)	0.1	ND
Baythroid (Cyfluthrin)*	0.1	NT	Piperonyl Butoxide	0.1	ND
Cypermethrin*	0.1	NT	Propiconazole	0.1	ND
Dichlorvos	0.1	ND	Propuxor	0.1	ND
Diazinon	0.1	ND	Pyrethrin*	0.1	ND
Dimethoate	0.1	ND	Pyridaben	0.1	ND
Dimethomorph*	0.1	ND	Spinetoram	0.1	ND
Prophos	0.1	ND	Spinosad*	0.1	ND
Etofenprox	0.1	ND	Spiromefesin	0.1	ND
Etoazole	0.1	ND	Spirotetramat	0.1	ND
Fenhexamid	0.1	ND	Spiroxamine	0.1	ND
Fenoxycarb	0.1	ND	Tebuconazole	0.1	ND
Fenpyroximate	0.1	ND	Thiacloprid	0.1	ND
Fipronil	0.1	ND	Thiamethoxam	0.1	ND
Flonicamid	0.1	ND	Trifloxystrobin	0.1	ND
Fludioxonil	0.1	ND			

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

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

Lab Comments:

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