

Gobi Hemp

Analytical Report - Certificate of Analysis



Manifest: 2002030001
Sample Id: 1A-GHEMP-2002030001-0002
Sample Name: Lot #0100 Batch # D-013120
Sample Type: Concentrate
Client Id: CID-00137
Client: CNP Operating LLC
Address: 12742 E Caley Ave Suite E, Centennial, Colorado 80011

Test Performed: Chemistry Lab
Report No: P-2002030001-V2
Receive Date: 2020-02-03
Test Date: 2020-02-05
Report Date: 2020-02-06
Sample Condition: Good
Method Reference: GH-OP-06

Scope

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

Cannabinoids	Percent	mg/gram
CBDV	ND	ND
CBDA	ND	ND
CBGA	ND	ND
CBG	2.70	26.99
CBD	84.53	845.30
THCV	ND	ND
CBN	1.76	17.61
Δ9-THC	ND	ND
CBC	0.92	9.23
THCA	ND	ND
CBDVA	ND	ND
THCVA	ND	ND
CBNA	ND	ND
Δ8-THC	ND	ND
CBL	ND	ND
CBCA	ND	ND

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

	Percent	mg/gram
Total Δ9-THC	0.00	0.00
Total CBD	84.53	845.30
Total Cannabinoids	89.91	899.13

Total Δ9-THC = Δ9-THC + (THCA x 0.877)
 Total CBD = CBD + (CBDA x 0.877)

Laboratory Comments:

Jon Person Client Relations Manager

2020-02-06

Date

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 • 3940 Youngfield St. •
 • Wheat Ridge CO 80033 •
 • (303) 456-2040 •

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Client Id: CID-00137
Client: CNP Operating LLC
Address: 12742 E Caley Ave Suite E, Centennial, Colorado 80011

Test Performed: Chemistry Lab
Intended Use: Inhaled or Audited Product
Report No: MT-2002030001-V1
Receive Date: 2020-02-03
Test Date: 2020-02-04
Report Date: 2020-02-06
Sample Condition: Good
Method Reference: GH-OP-17

Scope

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

Metals	Sample Reporting Limit (ppm)	Parts Per Million (ppm)
Arsenic	0.100	ND
Cadmium	0.100	ND
Lead	0.100	ND
Mercury	0.100	ND

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

Laboratory Comments:

Jon Person Client Relations Manager

2020-02-06

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Pesticide Residues Report - Certificate of Analysis



Manifest: 2002030001
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Sample Name: Lot #0100 Batch # D-013120
Sample Type: Concentrate
Client Id: CID-00137
Client: CNP Operating LLC
Address: 12742 E Caley Ave Suite E, Centennial, Colorado 80011

Test Performed: Chemistry Lab
Report No: PE-2002030001-V2
Receive Date: 2020-02-03
Test Date: 2020-02-04
Report Date: 2020-02-06
Sample Condition: Good
Method Reference: GH-OP-11

Scope

The content of 13 pesticides were quantified using liquid chromatography coupled to multiple mass spectrometry (LC-MS2) equipped with electrospray ionization (ESI) in positive mode after sample extraction and clean up using QuEChERS 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.

Pesticides	Sample Reporting Limit (ppm)*	Parts Per Million (ppm)**
Abamectin	0.100	ND
Azoxystrobin	0.100	ND
Bifenazate	0.100	ND
Etoxazole	0.100	ND
Imazalil	0.100	ND
Imidacloprid	0.100	ND
Malathion	0.100	ND
Myclobutanil	0.100	ND
Permethrin	0.100	ND
Spinosad	0.100	ND
Spiromesifen	0.100	ND
Spirotetramat	0.100	ND
Tebuconazole	0.100	ND

*or Lower Limit of Quantitation (LLOQ). **T (Trace) = sample result is between LLOQ and Method Detection Limit (MDL). ND (Not Detected) = sample result is below MDL. >HLOQ = sample result is above Higher LOQ.

Laboratory Comments:
See Full Report

Jon Person Client Relations Manager

2020-02-06

Date

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Terpene Report - Certificate of Analysis



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Sample Name: Lot #0100 Batch # D-013120
Sample Type: Concentrate
Client Id: CID-00137
Client: CNP Operating LLC
Address: 12742 E Caley Ave Suite E, Centennial, Colorado 80011

Test Performed: Chemistry Lab
Report No: T-2002030001-V2
Receive Date: 2020-02-03
Test Date: 2020-02-06
Report Date: 2020-02-06
Sample Condition: Good
Method Reference: GH-OP-14

Total Terpenes	0.09%
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Terpene	Percent
Alpha-Pinene	ND
Camphene	ND
Beta-Pinene	0.0003
Beta-Myrcene	ND
Delta-3-Carene	0.0005
Alpha-Terpinene	ND
Limonene	0.0010
Alpha-Ocimene	ND
Eucalyptol	ND
Beta-Ocimene	ND
Gamma-Terpinene	ND

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

Terpene	Percent
Terpinolene	ND
Linalool	ND
(-)-Isopulegol	ND
Geraniol	ND
Beta-Caryophyllene	0.0300
Alpha-Humulene	0.0105
cis-Nerolidol	ND
trans-Nerolidol	ND
(-)-Guaaiol	ND
(-)-Caryophyllene Oxide	0.0092
Alpha-Bisabolol	0.0341

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

Jon Person Client Relations Manager

2020-02-06

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Test Performed: Chemistry Lab
Report No: R-2002030001-V1
Receive Date: 2020-02-03
Test Date: 2020-02-06
Report Date: 2020-02-07
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	Reporting Limits (ppm)	Parts Per Million (ppm)
Aflatoxin G2	0.005	ND
Aflatoxin G1	0.005	ND
Aflatoxin B2	0.005	ND
Aflatoxin B1	0.005	ND
Ochratoxin A	0.020	ND

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

Laboratory Comments:

2020-02-07

Dave Wells Laboratory Manager

Date

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Report No: R-2002030001-V1
Receive Date: 2020-02-03
Test Date: 2020-02-04
Report Date: 2020-02-06
Sample Condition: Good
Method Reference: GH-OP-08

Scope

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

Solvents	Parts Per Million (ppm)
Propane	ND
Iso-Butane	ND
N-Butane	ND
Pentane	ND
Ethanol	ND
Acetone	ND
IPA	ND
Hexane	T
Benzene	ND
Heptane	ND
Toluene	ND
Xylenes	ND

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Laboratory Comments:

2020-02-06

Jon Person Client Relations Manager

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