

Gobi Hemp

Analytical Report - Certificate of Analysis



Manifest: 2012030003
Sample Id: 1A-GHEMP-2012030003-0001
Sample Name: Lemon G 04 CBDV Pod 0.7ml BFF1224004PL02
Sample Type: Concentrate
Client Id: CID-00061
Client: Blue Forest Farms
Address: 3771 Monarch Unit A, Erie, CO 80516

Test Performed: Chemistry Lab
Report No: R-2012030003-V2
Receive Date: 2020-12-03
Test Date: 2020-12-07
Report Date: 2020-12-08
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	Parts Per Million (ppm)
Propane	ND
Iso-Butane	ND
N-Butane	ND
Methanol	ND
Pentane	ND
Ethanol	T
Acetone	T
IPA	ND
Hexane	ND
Ethyl Acetate	ND
Benzene	ND
Heptane	ND
Toluene	ND
Xylenes	ND

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

Laboratory Comments:

2020-12-08

Jerry Hogan - Director of Operations

Date

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Address: 3771 Monarch Unit A, Erie, CO 80516

Test Performed: Hemp Lab
Intended Use: Inhaled or Audited Product
Report No: MT-2012030003-V1
Receive Date: 2020-12-03
Test Date: 2020-12-08
Report Date: 2020-12-28
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.

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:

2020-12-28

Jerry Hogan - Director of Operations

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Test Performed: Hemp Lab
Report No: R-2012030003-V1
Receive Date: 2020-12-03
Test Date: 2020-12-09
Report Date: 2020-12-28
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

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Laboratory Comments:

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Pesticide Residues Report - Certificate of Analysis



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Sample Name: Lemon G 04 CBDV Pod 0.7ml BFF1224004PL02
Sample Type: Concentrate
Client Id: CID-00061
Client: Blue Forest Farms
Address: 3771 Monarch Unit A, Erie, CO 80516

Test Performed: Hemp Lab
Report No: PE-2012030003-V1
Receive Date: 2020-12-03
Test Date: 2020-12-29
Report Date: 2020-12-31
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
Avermectin B1a	0.1	ND
Acephate	0.1	ND
Acetamiprid	0.1	ND
Aldicarb	0.1	ND
Axoxystrobin	0.1	ND
Bifenazate	0.1	ND
Bifenthrin	0.1	ND
Boscalid	0.1	ND
Captan	0.1	ND
Carbaryl	0.1	ND
Carbofuran	0.1	ND
Chlorantraniliprole	0.1	NT
Chlordane	0.1	ND
Chlorpyrifos	0.1	ND
Clofentazine	0.1	ND
Coumaphos	0.1	ND
Baythroid (Cyfluthrin)*	0.1	NT
Cypermethrin*	0.1	NT
Dichlorvos	0.1	NT
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	0.173
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	0.652
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:

2020-12-31

Date

Jerry Hogan - Director of Operations

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- 3940 Youngfield St. Wheat Ridge CO 80033 •
- (720)560-9299 •



Gobi Hemp

Terpene Report - Certificate of Analysis



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Sample Type: Concentrate
Client Id: CID-00061
Client: Blue Forest Farms
Address: 3771 Monarch Unit A, Erie, CO 80516

Test Performed: Hemp Lab
Report No: T-2012030003-V3
Receive Date: 2020-12-03
Test Date: 2020-12-07
Report Date: 2020-12-28
Sample Condition: Good
Method Reference: GH-OP-14

Total Terpenes 0.99%

Terpene	Percent
Alpha-Pinene	0.0376
Camphene	ND
Beta-Pinene	0.0706
Beta-Myrcene	0.1701
Delta-3-Carene	ND
Alpha-Terpinene	ND
Limonene	0.3495
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	0.0899
(-)-Isopulegol	ND
Geraniol	ND
Beta-Caryophyllene	0.2419
Alpha-Humulene	ND
cis-Nerolidol	ND
trans-Nerolidol	ND
(-)-Guaiol	ND
(-)-Caryophyllene Oxide	ND
Alpha-Bisabolol	0.0349

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

2020-12-28

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Test Performed: Chemistry Lab
Report No: P-2012030003-V1
Receive Date: 2020-12-03
Test Date: 2020-12-07
Report Date: 2020-12-08
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	14.13	141.28
CBDA	0.28	2.78
CBGA	0.24	2.37
CBG	3.12	31.24
CBD	55.59	555.95
THCV	1.70	17.04
CBN	T	T
Δ9-THC	0.14	1.35
CBC	ND	ND
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	0.14	1.35
Total CBD	55.84	558.39
Total CBG	3.33	33.32
Total Cannabinoids	75.20	752.01

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

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