

# Gobi Hemp

## Analytical Report - Certificate of Analysis



**Manifest:** 2012030003  
**Sample Id:** 1A-GHEMP-2012030003-0003  
**Sample Name:** Queen Dream 04 CBDV Pod 0.7ml BFF122004Q01  
**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	238.59
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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**Sample Type:** Concentrate  
**Client Id:** CID-00061  
**Client:** Blue Forest Farms  
**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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**Client:** Blue Forest Farms  
**Address:** 3771 Monarch Unit A, Erie, CO 80516

**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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2020-12-28

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## Pesticide Residues 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:** 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	0.108
Methiocarb	0.1	ND
Methomyl	0.1	ND
Mevinphos*	0.1	ND
MGK-264	0.1	NT
Myclobutanil	0.1	0.268
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	0.660
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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**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** 0.62%

Terpene	Percent
Alpha-Pinene	0.0567
Camphene	ND
Beta-Pinene	0.0335
Beta-Myrcene	0.0877
Delta-3-Carene	ND
Alpha-Terpinene	ND
Limonene	0.1345
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	0.2586
Alpha-Humulene	0.0271
cis-Nerolidol	ND
trans-Nerolidol	ND
(-)-Guaiol	ND
(-)-Caryophyllene Oxide	ND
Alpha-Bisabolol	0.0193

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

2020-12-28

Jerry Hogan - Director of Operations

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**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	13.82	138.20
CBDA	0.28	2.78
CBGA	0.23	2.33
CBG	3.13	31.27
CBD	55.15	551.51
THCV	1.71	17.06
CBN	T	T
Δ9-THC	0.14	1.37
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	1.37
Total CBD	55.39	553.95
Total CBG	3.33	33.31
Total Cannabinoids	74.45	744.52

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

### Laboratory Comments:

2020-12-08

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