

**Manifest:** 2002190002  
**Sample Id:** 1A-GHEMP-2002190002-0002  
**Sample Name:** 021420 F2  
**Sample Type:** Concentrate  
**Client Id:** CID-00170  
**Client:** Planetarie LLC  
**Address:** 600 31st Street Suite B, Evans, Colorado 80620

**Test Performed:** Chemistry Lab  
**Report No:** PE-2002190002-V2  
**Receive Date:** 2020-02-19  
**Test Date:** 2020-02-26  
**Report Date:** 2020-02-27  
**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



2020-02-27

Jon Person Client Relations Manager

Date

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Gobi Hemp  
● 3940 Youngfield St. ●  
● Wheat Ridge CO 80033 ●  
● (303) 456-2040 ●

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<b>Manifest:</b>	2002190002	<b>Report No:</b>	M-2002190002-V1
<b>Sample Type:</b>	Concentrate	<b>Receive Date:</b>	2020-02-19
<b>Test Performed:</b>	Microbial Lab	<b>Test Date:</b>	2020-02-19
<b>Client Id:</b>	CID-00170	<b>Report Date:</b>	2020-02-28
<b>Client:</b>	Planetarie LLC	<b>Sample Condition:</b>	Good
<b>Address:</b>	600 31st Street Suite B, Evans, Colorado 80620	<b>Method Reference:</b>	MBH-OP-02, MBH-OP-03, MBH-OP-05 , MBH-OP-10, MBH-OP-11

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### Scope

Contaminant testing for the identified pathogens *Salmonella spp.* and *Shiga Toxin Virulence Genes, O26,O45, O103, O111, O121, O145 and O157:H7 serogroups of Escherichia coli (STEC)* was performed through Polymerase Chain Reaction (PCR) presumptive experimentation, and confirmed through cultural methodology where applicable. Results for *Salmonella spp.* and STEC are represented as a negative or positive determination, a negative result indicating no detection of the respective contaminant.

Total Yeast and Mold Count (TYMC)/Total Aerobic Count(TAC)/Total Coliform Count (TCC) were determined through 3M™ Petrifilm™ plating technology. The TYMC/TAC/TCC is represented as a count in colony forming units per gram (cfu/g).



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Jon Person Client Relations Manager

2020-02-28

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**Manifest:** 2002190002  
**Sample Type:** Concentrate  
**Test Performed:** Microbial Lab  
**Client Id:** CID-00170  
**Client:** Planetarie LLC  
**Address:** 600 31st Street Suite B, Evans, Colorado 80620

**Report No:** M-2002190002-V1  
**Receive Date:** 2020-02-19  
**Test Date:** 2020-02-19  
**Report Date:** 2020-02-28  
**Sample Condition:** Good  
**Method Reference:** MBH-OP-02, MBH-OP-03,  
MBH-OP-05, MBH-OP-10,  
MBH-OP-11

Sample Id	Product	Salmonella spp.	STEC	TYMC (cfu/g)	TAC (cfu/g)	TCC (cfu/g)
1A-GHEMP-2002190002-0001	021420 F1	Negative	Negative	<100	<100	<100
1A-GHEMP-2002190002-0002	021420 F2	Negative	Negative	<100	<100	<100
1A-GHEMP-2002190002-0003	021420 F3	Negative	Negative	<100	<100	<100
1A-GHEMP-2002190002-0004	021420 F4	Negative	Negative	<100	<100	<100

STEC - shiga toxin-producing *Escherichia coli*; TYMC - total yeast and mold count;  
TAC - Total Aerobic Count; TCC - Total Coliform Count

Laboratory Comments:



2020-02-28

Jon Person Client Relations Manager

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# Gobi Hemp

## Analytical Report - Certificate of Analysis



**Manifest:** 2002190002  
**Sample Id:** 1A-GHEMP-2002190002-0002  
**Sample Name:** 021420 F2  
**Sample Type:** Concentrate  
**Client Id:** CID-00170  
**Client:** Planetarie LLC  
**Address:** 600 31st Street Suite B, Evans, Colorado 80620

**Test Performed:** Chemistry Lab  
**Intended Use:** Inhaled or Audited Product  
**Report No:** MT-2002190002-V1  
**Receive Date:** 2020-02-19  
**Test Date:** 2020-02-21  
**Report Date:** 2020-02-24  
**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	T
Mercury	0.100	ND

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

Laboratory Comments:

Jon Person Client Relations Manager

2020-02-24

Date

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## Analytical Report - Certificate of Analysis



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**Client Id:** CID-00170  
**Client:** Planetarie LLC  
**Address:** 600 31st Street Suite B, Evans, Colorado 80620

**Test Performed:** Chemistry Lab  
**Report No:** P-2002190002-V1  
**Receive Date:** 2020-02-19  
**Test Date:** 2020-02-19  
**Report Date:** 2020-02-20  
**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	84.85	848.53
CBGA	1.51	15.14
CBG	ND	ND
CBD	T	T
THCV	ND	ND
CBN	ND	ND
Δ9-THC	ND	ND
CBC	ND	ND
THCA	0.62	6.16
CBDVA	T	T
THCVA	ND	ND
CBNA	ND	ND
Δ8-THC	ND	ND
CBL	ND	ND
CBCA	T	T

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

	Percent	mg/gram
Total Δ9-THC	0.54	5.41
Total CBD	74.42	744.16
Total Cannabinoids	86.98	869.83

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

### Laboratory Comments:

Jon Person Client Relations Manager

2020-02-20

Date

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