

# Gobi Labs

## Pesticide Residues Report



**Manifest:** 0003879083  
**METRC ID:** 1A4000712682977000000263  
**Sample Name:** softgel cwpe 30 mg/.5 ml 191120T-021  
**Sample Type:** Concentrate  
**License:** 403H-80791  
**Licensee:** Blue Forest Farms LLC  
**Facility Address:**

**Test Performed:** Chemistry Lab  
**Report No:** PE-3879083-V1  
**Receive Date:** 2019-12-05  
**Test Date:** 2019-12-06  
**Report Date:** 2019-12-09  
**Sample Condition:** Good  
**Method Reference:** GA-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 certified by CDPHE. 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	Regulatory Limit (ppm)	Sample Reporting Limit (ppm)*	Parts Per Million (ppm)**
Abamectin	0.070	0.070	ND
Azoxystrobin	0.020	0.005	ND
Bifenazate	0.020	0.005	ND
Etoxazole	0.010	0.005	ND
Imazalil	0.040	0.005	ND
Imidacloprid	0.020	0.005	ND
Malathion	0.050	0.005	ND
Myclobutanil	0.040	0.010	ND
Permethrin	0.040	0.020	ND
Spinosad	0.060	0.010	ND
Spiromesifen	0.030	0.005	ND
Spirotetramat	0.020	0.010	ND
Tebuconazole	0.010	0.010	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:

Astha Gupta, Laboratory Director

2019-12-09  
Date

This report has been prepared by Gobi Analytical, Inc. exclusively for our Client and their Authorized Representatives. All analytical work is conducted in accordance with a mutually agreed upon scope of work and the terms and conditions as expressed in the Gobi Analytical Inc. Laboratory Service Agreement. This report is not to be reproduced in whole or in part without prior written approval. The results shown on this report relate only to the samples submitted to the laboratory. Estimated Uncertainty available upon request.

Gobi Analytical  
 ● 3924 Youngfield St. ●  
 ● Wheat Ridge CO 80033 ●  
 ● ISO/IEC 17025:2017 Accredited ●  
 ● (303) 456-2040 ●



# Gobi Labs

## Analytical Report



**Manifest:** 0003879083  
**METRC ID:** 1A4000712682977000000263  
**Sample Name:** softgel cwpe 30 mg/.5 ml 191120T-021  
**Sample Type:** Concentrate  
**License:** 403H-80791  
**Licensee:** Blue Forest Farms LLC  
**Facility Address:**

**Test Performed:** Chemistry Lab  
**Report No:** P-3879083-V1  
**Receive Date:** 2019-12-05  
**Test Date:** 2019-12-05  
**Report Date:** 2019-12-06  
**Sample Condition:** Good  
**Method Reference:** GA-OP-06

### Scope

The content of ten 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.

Cannabinoids	Percent	mg/gram
CBDV	ND	ND
CBDA	ND	ND
CBGA	ND	ND
CBG	0.12	1.17
CBD	5.48	54.81
THCV	ND	ND
CBN	ND	ND
THC	0.20	1.96
CBC	0.31	3.07
THCA	ND	ND

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

	Percent	mg/gram
Total THC	0.20	1.96
Total Cannabinoids	6.10	61.01
Total THC:CBD Ratio	1 : 27.91	1 : 27.91

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

### Laboratory Comments:

Dylan Foster, Lead Chemistry Analyst

2019-12-06

Date

This report has been prepared by Gobi Analytical, Inc. exclusively for our Client and their Authorized Representatives. All analytical work is conducted in accordance with a mutually agreed upon scope of work and the terms and conditions as expressed in the Gobi Analytical Inc. Laboratory Service Agreement. This report is not to be reproduced in whole or in part without prior written approval. The results shown on this report relate only to the samples submitted to the laboratory. Estimated Uncertainty available upon request. The laboratory is accredited for THC, THCA, CBD, CBDA, and CBN only.

Gobi Analytical  
 ● 3924 Youngfield St. ●  
 ● Wheat Ridge CO 80033 ●  
 ● ISO/IEC 17025:2017 Accredited ●  
 ● (303) 456-2040 ●



# Gobi Labs

## Analytical Report



**Manifest:** 0003879083  
**METRC ID:** 1A4000712682977000000263  
**Sample Name:** softgel cwpe 30 mg/.5 ml 191120T-021  
**Sample Type:** Concentrate  
**License:** 403H-80791  
**Licensee:** Blue Forest Farms LLC  
**Facility Address:**

**Test Performed:** Chemistry Lab  
**Report No:** R-3879083-V1  
**Receive Date:** 2019-12-05  
**Test Date:** 2019-12-05  
**Report Date:** 2019-12-06  
**Sample Condition:** Good  
**Method Reference:** GA-OP-08

### Scope

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

Solvents	Regulatory Limits (ppm)	Parts Per Million (ppm)
Propane	<1,000	ND
Iso-Butane	Total Butanes <1,000	ND
N-Butane	Total Butanes <1,000	ND
Pentane	<1,000	ND
Ethanol	<1,000	ND
Acetone	<1,000	ND
IPA	<1,000	ND
Hexane	<60	ND
Benzene	<2	ND
Heptane	<1,000	ND
Toluene	<180	ND
Xylenes	<430	ND

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

Laboratory Comments:

Dylan Foster, Lead Chemistry Analyst

2019-12-06  
Date

This report has been prepared by Gobi Analytical, Inc. exclusively for our Client and their Authorized Representatives. All analytical work is conducted in accordance with a mutually agreed upon scope of work and the terms and conditions as expressed in the Gobi Analytical Inc. Laboratory Service Agreement. This report is not to be reproduced in whole or in part without prior written approval. The results shown on this report relate only to the samples submitted to the laboratory. Estimated Uncertainty available upon request.

Gobi Analytical  
 ● 3924 Youngfield St. ●  
 ● Wheat Ridge CO 80033 ●  
 ● ISO/IEC 17025:2017 Accredited ●  
 ● (303) 456-2040 ●



# Gobi Labs

## Microbial Contaminant Report



---

<b>Manifest:</b>	0003879083	<b>Report No:</b>	M-3879083-V1
<b>Sample Type:</b>	Concentrate	<b>Receive Date:</b>	2019-12-05
<b>Test Performed:</b>	Microbial Lab	<b>Test Date:</b>	2019-12-05
<b>License:</b>	403H-80791	<b>Report Date:</b>	2019-12-09
<b>Licensee:</b>	Blue Forest Farms LLC	<b>Sample Condition:</b>	Good
<b>Facility Address:</b>		<b>Method Reference:</b>	MB-OP-02, MB-OP-03, MB-OP-05

---

### 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) was determined through 3M TM Petrifilm TM Rapid Yeast and Mold plating technology. The TYMC is represented as a count in colony forming units per gram (cfu/g), where a total count greater than or equal to 10,000 cfu/g constitutes a failed result, and anything less than 10,000 cfu/g constitutes a pass. For TYMC reporting, "less than" or "greater than" symbols may be used to represent results. They can be understood as the following:

- <100 = less than 100 cfu/g = insignificant growth observed, pass
- <10,000 = less than 10,000 cfu/g = growth observed, pass
- >10,000 = greater than 10,000 cfu/g = growth observed, fail

A sample must pass all three tests to pass overall Microbial contaminant testing. In the event that a sample fails any of the Microbial contaminant tests, the result will be bolded and shown in red font. Please do not hesitate to contact us with any questions.

Astha Gupta, Laboratory Director

2019-12-09  
Date

This report has been prepared by Gobi Analytical, Inc. exclusively for our Client and their Authorized Representatives. All analytical work is conducted in accordance with a mutually agreed upon scope of work and the terms and conditions as expressed in the Gobi Analytical Inc. Laboratory Service Agreement. This report is not to be reproduced in whole or in part without prior written approval. The results shown on this report relate only to the samples submitted to the laboratory. Estimated Uncertainty available upon request.

Gobi Analytical  
● 3924 Youngfield St. ●  
● Wheat Ridge CO 80033 ●  
● ISO/IEC 17025:2017 Accredited ●  
● (303) 456-2040 ●



# Gobi Labs

## Microbial Contaminant Report



<b>Manifest:</b>	0003879083	<b>Report No:</b>	M-3879083-V1
<b>Sample Type:</b>	Concentrate	<b>Receive Date:</b>	2019-12-05
<b>Test Performed:</b>	Microbial Lab	<b>Test Date:</b>	2019-12-05
<b>License:</b>	403H-80791	<b>Report Date:</b>	2019-12-09
<b>Licensee:</b>	Blue Forest Farms LLC	<b>Sample Condition:</b>	Good
<b>Facility Address:</b>		<b>Method Reference:</b>	MB-OP-02, MB-OP-03, MB-OP-05

METRC Package ID	Product	Salmonella spp.	STEC	TYMC (cfu/g)
1A4000712682977000000263	softgel cwpe 30 mg/.5 ml 191120T-021	Negative	Negative	<100

STEC - shiga toxin-producing *Escherichia coli*; TYMC - total yeast and mold count

Laboratory Comments:

Astha Gupta, Laboratory Director

2019-12-09

Date

This report has been prepared by Gobi Analytical, Inc. exclusively for our Client and their Authorized Representatives. All analytical work is conducted in accordance with a mutually agreed upon scope of work and the terms and conditions as expressed in the Gobi Analytical Inc. Laboratory Service Agreement. This report is not to be reproduced in whole or in part without prior written approval. The results shown on this report relate only to the samples submitted to the laboratory. Estimated Uncertainty available upon request.

Gobi Analytical  
 ● 3924 Youngfield St. ●  
 ● Wheat Ridge CO 80033 ●  
 ● ISO/IEC 17025:2017 Accredited ●  
 ● (303) 456-2040 ●



# Gobi Labs

## Analytical Report



**Manifest:** 0003879083  
**METRC ID:** 1A4000712682977000000263  
**Sample Name:** softgel cwpe 30 mg/.5 ml 191120T-021  
**Sample Type:** Concentrate  
**License:** 403H-80791  
**Licensee:** Blue Forest Farms LLC  
**Facility Address:** 9870 Vermillion Rd Site #4, Longmont, CO 80503

**Test Performed:** Chemistry Lab  
**Intended Use:** Oral Consumption or Audited Product  
**Report No:** MT-3879083-V1  
**Receive Date:** 2019-12-05  
**Test Date:** 2019-12-09  
**Report Date:** 2019-12-10  
**Sample Condition:** Good  
**Method Reference:** GA-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	Regulatory Limits (ppm)	Parts Per Million (ppm)
Arsenic	< 1.5 ppm	ND
Cadmium	< 0.5 ppm	ND
Lead	< 1 ppm	ND
Mercury	< 1.5 ppm	ND

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

Laboratory Comments:

Astha Gupta, Laboratory Director

2019-12-10  
Date

This report has been prepared by Gobi Analytical, Inc. exclusively for our Client and their Authorized Representatives. All analytical work is conducted in accordance with a mutually agreed upon scope of work and the terms and conditions as expressed in the Gobi Analytical Inc. Laboratory Service Agreement. This report is not to be reproduced in whole or in part without prior written approval. The results shown on this report relate only to the samples submitted to the laboratory. Estimated Uncertainty available upon request.

Gobi Analytical  
● 3924 Youngfield St. ●  
● Wheat Ridge CO 80033 ●  
● (303) 456-2040 ●

