



# Gobi Hemp - Certificate of Analysis



**Manifest:** 2309050006  
**Sample ID:** 1A-GHEMP-2309050006-0001  
**Sample Name:** 10mg Delta 9 Berry Blast Gummy - (RE80)G131  
**Sample Type:** Infused (edible)  
**Client ID:** CID-50292  
**Client:** Mighty Fine Manufacturing  
**Address:** 423 Houston Street, Suite 100, Nashville, TN 37203

**Test Performed:** Potency  
**Report No:** P-2309050006-V1  
**Receive Date:** 2023-09-05  
**Test Date:** 2023-09-05  
**Report Date:** 2023-09-08  
**Sample Condition:** Good  
**Method Reference:** GH-OP-06

**Scope:** The content of 21 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.

	mg/unit	mg/g
Total THC	9.85	2.81
Total CBD	ND	ND
Total CBG	ND	ND
Total Cannabinoids	9.85	2.81
Total THC:CBD Ratio	NA	
Net Weight (g)	3.50	

Total CBD = CBD + (CBDA x 0.877); Total CBG = CBG + (CBGA x 0.877)  
 Total THC = Δ<sup>9</sup> THC + (THCA x 0.877)

Cannabinoids	mg/unit	mg/g
CBDVA	ND	ND
CBDV	ND	ND
CBDA	ND	ND
CBGA	ND	ND
CBG	ND	ND
CBD	ND	ND
Δ <sup>9</sup> THCV	ND	ND
Δ <sup>9</sup> THCVA	ND	ND
CBN	ND	ND
CBNA	ND	ND
EXO-THC	ND	ND
Δ <sup>9</sup> THC	9.85	2.81
Δ <sup>8</sup> THC	ND	ND
Δ <sup>10</sup> -S THC	ND	ND
CBL	ND	ND
Δ <sup>10</sup> -R THC	ND	ND
CBC	ND	ND
Δ <sup>9</sup> THCA	ND	ND
CBCA	ND	ND
CBLA	ND	ND
CBT	ND	ND

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

**Lab Comments:**

Kristen Kenworthy, Laboratory Operations Manager

2023-09-08

Date



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# Gobi Hemp

## Analytical Report - Certificate of Analysis



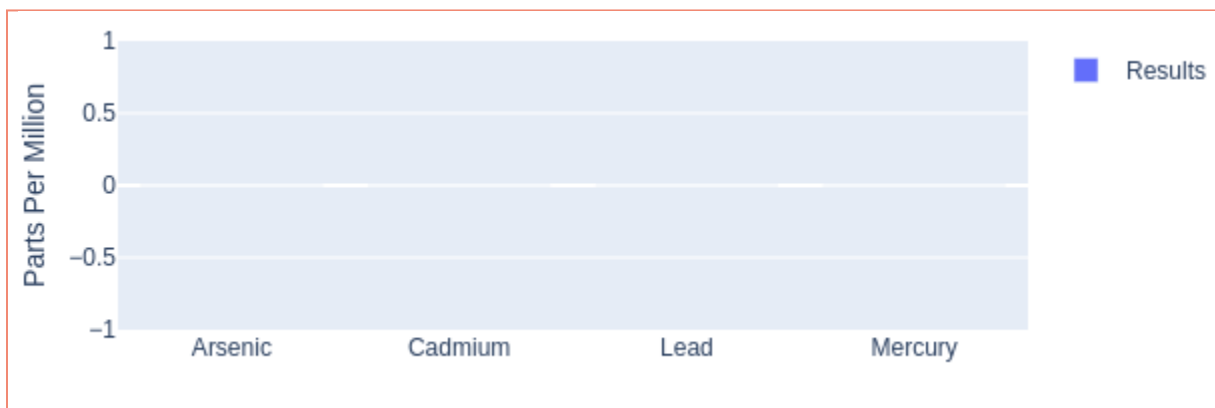
**Manifest:** 2309050006  
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**Sample Name:** 10mg Delta 9 Berry Blast Gummy - (RE80)G131  
**Sample Type:** Infused (edible)  
**Client ID:** CID-50292  
**Client:** Mighty Fine Manufacturing  
**Address:** 423 Houston Street, Suite 100, Nashville, TN 37203

**Test Performed:** Hemp Lab  
**Intended Use:** Oral Consumption or Audited Product  
**Report No:** MT-2309050006-V1  
**Receive Date:** 2023-09-05  
**Test Date:** 2023-09-06  
**Report Date:** 2023-09-06  
**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.

Elemental Impurities	LOD (ppm)	LOQ (ppm)	Parts Per Million (ppm)
Arsenic	0.007	0.025	ND
Cadmium	0.003	0.01	ND
Lead	0.003	0.01	ND
Mercury	0.0009	0.003	ND

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



**Lab Comments:**

Kristen Kenworthy, Laboratory Operations Manager

2023-09-06

Date



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# Gobi Hemp

## Microbial Contaminant Report - Certificate of Analysis



**Manifest:** 2309050006  
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**Sample Name:** 10mg Delta 9 Berry Blast Gummy - (RE80)G131  
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**Client ID:** CID-50292  
**Client:** Mighty Fine Manufacturing  
**Address:** 423 Houston Street, Suite 100, Nashville, TN 37203

**Test Performed:** Hemp Lab  
**Report No:** M-2309050006-V1  
**Receive Date:** 2023-09-05  
**Test Date:** 2023-09-06  
**Report Date:** 2023-09-09  
**Sample Condition:** Good  
**Method Reference:** MBH-OP-02, MBH-OP-03, MBH-OP-05, MBH-OP-10, MBH-OP-11

**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).

Microbial Contaminants	Results
<i>Salmonella spp.</i>	ND
STEC	ND
Total Yeast and Mold	<100 CFU/g
Total Aerobic	<100 CFU/g
Total Coliform	<100 CFU/g

STEC - shiga toxin-producing *Escherichia coli*; TYMC - total yeast and mold count; TAC - Total Aerobic Count; TCC - Total Coliform Count; NT - Not Tested;

Lab Comments:

Jon Person Director of Communication

2023-09-09

Date



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## Analytical Report - Certificate of Analysis



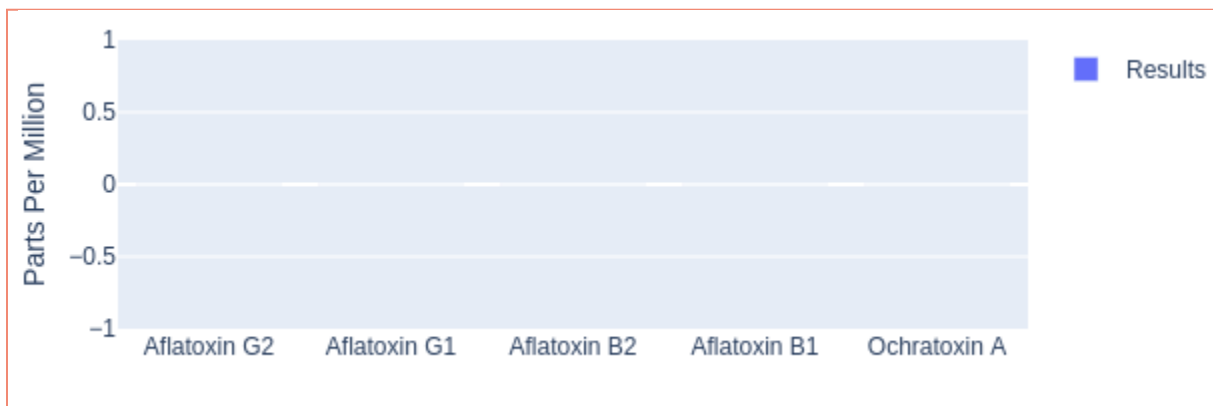
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**Client ID:** CID-50292  
**Client:** Mighty Fine Manufacturing  
**Address:** 423 Houston Street, Suite 100, Nashville, TN 37203

**Test Performed:** Hemp Lab  
**Report No:** R-2309050006-V1  
**Receive Date:** 2023-09-05  
**Test Date:** 2023-09-11  
**Report Date:** 2023-09-12  
**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	LOD (ppm)	LOQ (ppm)	Reporting Limits (ppm)	Parts Per Million (ppm)
Aflatoxin G2	0.0019	0.0050	0.0050	ND
Aflatoxin G1	0.0011	0.0050	0.0050	ND
Aflatoxin B2	0.0017	0.0050	0.0050	ND
Aflatoxin B1	0.0015	0.0050	0.0050	ND
Ochratoxin A	0.0033	0.0050	0.0050	ND

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



Lab Comments:

Kristen Kenworthy, Laboratory Operations Manager

2023-09-12

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**Address:** 423 Houston Street, Suite 100, Nashville, TN 37203

**Test Performed:** Hemp Lab  
**Report No:** PE-2309050006-V1  
**Receive Date:** 2023-09-05  
**Test Date:** 2023-09-11  
**Report Date:** 2023-09-12  
**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	Analyte	Reporting Level µg/g	µg/g
Avermectin B1a	0.1	ND	Hexythiazox	0.1	ND
Acephate	0.1	ND	Imazilil	0.1	ND
Acetamiprid	0.1	ND	Imidacloprid	0.1	ND
Aldicarb	0.1	ND	Kresoxim Methyl	0.1	ND
Azoxystrobin	0.1	ND	Malathion	0.1	ND
Bifenazate	0.1	ND	Metalaxyl	0.1	ND
Bifenthrin	0.1	ND	Methiocarb	0.1	ND
Boscalid	0.1	ND	Methomyl	0.1	ND
Captan	0.1	ND	Mevinphos*	0.1	ND
Carbaryl	0.1	ND	MGK-264	0.1	NT
Carbofuran	0.1	ND	Myclobutanil	0.1	ND
Chlorantraniliprole	0.1	ND	Oxamyl	0.1	ND
Chlordane	0.1	ND	Paclbutrazol	0.1	ND
Chlorpyrifos	0.1	ND	Pentachloronitrobenzene	0.1	ND
Clofentazine	0.1	ND	Permethrin*	0.1	ND
Coumaphos	0.1	ND	Imidan(Phosmet)	0.1	ND
Baythroid (Cyfluthrin)*	0.1	NT	Piperonyl Butoxide	0.1	ND
Cypermethrin*	0.1	NT	Propiconazole	0.1	ND
Dichlorvos	0.1	ND	Propuxor	0.1	ND
Diazinon	0.1	ND	Pyrethrin*	0.1	ND
Dimethoate	0.1	ND	Pyridaben	0.1	ND
Dimethomorph*	0.1	ND	Spinetoram	0.1	ND
Prophos	0.1	ND	Spinosad*	0.1	ND
Etofenprox	0.1	ND	Spiromefesin	0.1	ND
Etoxazole	0.1	ND	Spirotetramat	0.1	ND
Fenhexamid	0.1	ND	Spiroxamine	0.1	ND
Fenoxycarb	0.1	ND	Tebuconazole	0.1	ND
Fenpyroximate	0.1	ND	Thiacloprid	0.1	ND
Fipronil	0.1	ND	Thiamethoxam	0.1	ND
Fonicamid	0.1	ND	Trifloxystrobin	0.1	ND
Fludioxonil	0.1	ND			

NT - not tested; ND - not detected above Reporting Level; T - trace; \* Total of Isomers

NT - not tested; ND - not detected above Reporting Level; T - trace; \* Total of Isomers

**Lab Comments:**

Kristen Kenworthy, Laboratory Operations Manager

2023-09-12

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