

# Gobi Hemp - CDPHE Certified Certificate of Analysis



**Manifest:** 2504030003  
**Sample ID:** 1A-GHEMP-2504030003-0009  
**Name:** Blackberry Lime 25mg D8 - EXP=040227  
**Type:** Infused (edible)  
**Client ID:** CID-00303  
**Client:** MC Nutraceuticals  
**Address:** 6101 Long Prairie Rd. Suite 744 LB 17, Flower Mound , Texas 75028

**Test Performed:** Potency  
**Report No:** P-2504030003-V2  
**Receive Date:** 2025-04-03  
**Test Date:** 2025-04-07  
**Report Date:** 2025-04-08  
**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.

Totals	mg/unit	mg/g	percent
Total THC	0.55	0.11	0.01
Total CBD	0.20	0.04	0.004
Total CBG	ND	ND	ND
Total Cannabinoids	25.01	5.00	0.50
Total THC:CBD Ratio	2.75 : 1		
Net Weight (g)	5.00		

Total CBD = CBD + (CBDA x 0.877); Total CBG = CBG + (CBGA x 0.877)  
 Total THC =  $\Delta^9$  THC + (THCA x 0.877)

Cannabinoids	LOD mg/unit	LOQ mg/unit	mg/unit	mg/g	percent
CBDVA	0.0017	0.0131	ND	ND	ND
CBDV	0.0005	0.0131	ND	ND	ND
CBDA	0.0008	0.0131	ND	ND	ND
CBGA	0.0006	0.0131	ND	ND	ND
CBG	0.0016	0.0131	ND	ND	ND
CBD	0.0017	0.0131	0.20	0.04	0.004
$\Delta^9$ THCV	0.0007	0.0131	ND	ND	ND
$\Delta^9$ THCVA	0.0007	0.0131	ND	ND	ND
CBN	0.0007	0.0131	0.20	0.04	0.004
CBNA	0.0012	0.0131	ND	ND	ND
EXO-THC	0.0022	0.0131	ND	ND	ND
$\Delta^9$ THC	0.0011	0.0131	0.55	0.11	0.01
$\Delta^8$ THC	0.0019	0.0131	24.06	4.81	0.48
$\Delta^{10}$ -S THC	0.0008	0.0131	ND	ND	ND
CBL	0.002	0.0131	ND	ND	ND
$\Delta^{10}$ -R THC	0.0005	0.0131	ND	ND	ND
CBC	0.0002	0.0131	ND	ND	ND
$\Delta^9$ THCA	0.0009	0.0131	ND	ND	ND
CBCA	0.0017	0.0131	ND	ND	ND
CBLA	0.0017	0.0131	ND	ND	ND
CBT	0.0008	0.0131	ND	ND	ND

ND - not detected; LOQ - limit of quantitation; ULOQ - upper limit of quantitation;

**Lab Comments:**  $\Delta^9$ -THC Uncertainty = +/- 0.0439%

Peter Perrone Laboratory Director

2025-04-08

Date



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**PJLA**  
 Testing  
 Accreditation #103051

# Gobi Hemp

## Analytical Report - Certificate of Analysis



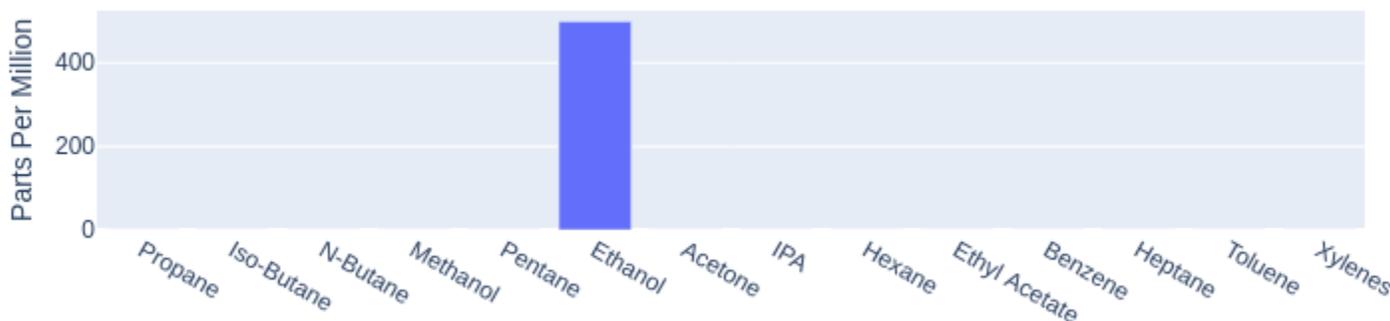
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**Client ID:** CID-00303  
**Client:** MC Nutraceuticals  
**Address:** 6101 Long Prairie Rd. Suite 744 LB 17, Flower Mound, Texas 75028

**Test Performed:** Hemp Lab  
**Report No:** R-2504030003-V1  
**Receive Date:** 2025-04-03  
**Test Date:** 2025-04-16  
**Report Date:** 2025-04-17  
**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	LOD (ppm)	LOQ (ppm)	Parts Per Million (ppm)
Propane	135	372	ND
Iso-Butane	82	490	ND
N-Butane	107	490	ND
Methanol	38	120	ND
Pentane	73	100	ND
Ethanol	50	200	499.16
Acetone	82	200	ND
IPA	40	200	ND
Hexane	25	50	ND
Ethyl Acetate	57	200	ND
Benzene	0.65	1	ND
Heptane	137	200	ND
Toluene	75	100	ND
Xylenes	112	200	ND

ND - not detected; LOD - limit of detection; LOQ - limit of quantitation; ULOQ - upper limit of quantitation;  
 \*Estimated result, greater than the upper limit of quantitation (>ULOQ)



**Lab Comments:**

Bugi Perrone, QA Advisor

2025-04-17

Date



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# Gobi Hemp

## Analytical Report - Certificate of Analysis



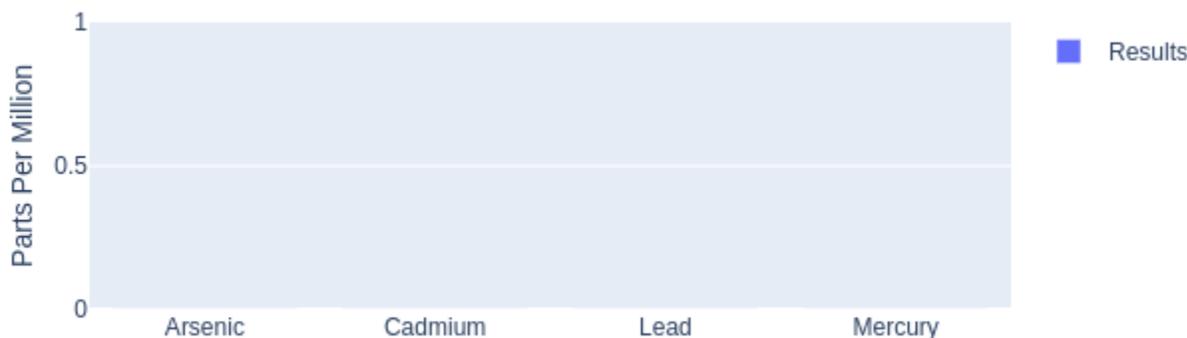
**Manifest:** 2504030003  
**Sample ID:** 1A-GHEMP-2504030003-0009  
**Sample Name:** Blackberry Lime 25mg D8 - EXP=040227  
**Sample Type:** Infused (edible)  
**Client ID:** CID-00303  
**Client:** MC Nutraceuticals  
**Address:** 6101 Long Prairie Rd. Suite 744 LB 17, Flower Mound, Texas 75028

**Test Performed:** Hemp Lab  
**Intended Use:** Oral Consumption or Audited Product  
**Report No:** MT-2504030003-V1  
**Receive Date:** 2025-04-03  
**Test Date:** 2025-04-16  
**Report Date:** 2025-04-17  
**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; ULOQ - upper limit of quantitation; LOD - limit of detection; LOQ - limit of quantitation



**Lab Comments:**

Jessi Girodo QA Associate

2025-04-17

Date



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# Gobi Hemp

## Microbial Contaminant Report - Certificate of Analysis



**Manifest:** 2504030003  
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**Sample Name:** Blackberry Lime 25mg D8 - EXP=040227  
**Sample Type:** Infused (edible)  
**Client ID:** CID-00303  
**Client:** MC Nutraceuticals  
**Address:** 6101 Long Prairie Rd. Suite 744 LB 17, Flower Mound , Texas 75028

**Test Performed:** Hemp Lab  
**Report No:** M-2504030003-V1  
**Receive Date:** 2025-04-03  
**Test Date:** 2025-04-15  
**Report Date:** 2025-04-18  
**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:

Bugi Perrone, QA Advisor

2025-04-18

Date



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# Gobi Hemp

## Analytical Report - Certificate of Analysis



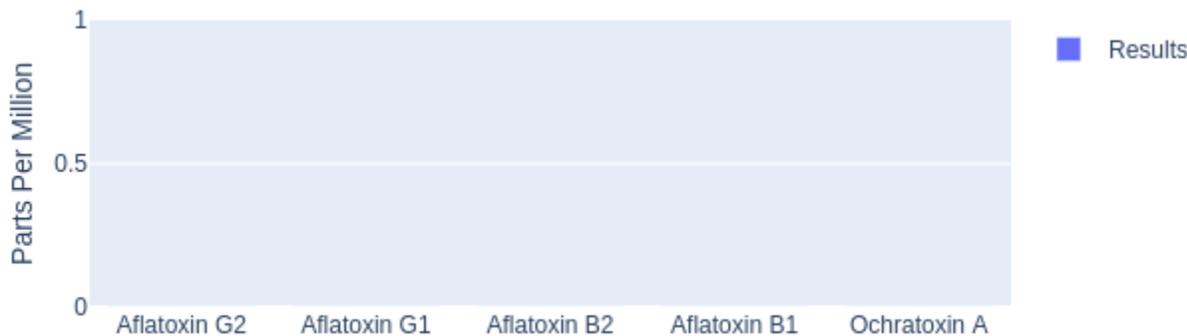
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**Test Performed:** Hemp Lab  
**Report No:** R-2504030003-V1  
**Receive Date:** 2025-04-03  
**Test Date:** 2025-04-21  
**Report Date:** 2025-04-22  
**Sample Condition:** Good  
**Method Reference:** GH-OP-16

**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; ULOQ - upper limit of quantitation; LOD - limit of detection; LOQ - limit of quantitation



Lab Comments:

Bugi Perrone, QA Advisor

2025-04-22

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**Test Performed:** Hemp Lab  
**Report No:** PE-2504030003-V1  
**Receive Date:** 2025-04-03  
**Test Date:** 2025-04-21  
**Report Date:** 2025-04-22  
**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	NT	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	NT	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:**

Bugi Perrone, QA Advisor

2025-04-22

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