Gobi Hemp
Analytical Report - Certificate of Analysis

Manifest:	2608060009	**Test Performed:**	Mycotoxin
Sample ID:	1A-GHEMP-2608060009-0001	**Report No:**	R-2608060009-V1
Sample Name:	FNP-FM-278 - FM-864-46400-06052026	**Receive Date:**	2026-08-06
Sample Type:	CBN Isolate	**Test Date:**	2026-08-11
Client ID:	CID-00207	**Report Date:**	2026-08-12
Client:	MC Nutraceuticals	**Sample Condition:**	Good
Address:		**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:

Rachel Bard - Lead Analyst & Client Relations

2026-08-12
Date

This report has been prepared by Gobi Hemp Laboratory 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 Hemp 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 Hemp •
• 3940 Youngfield St. • Wheat Ridge CO 80033 • ISO/IEC 17025:2017 Accredited • (303)456-2040 •

PJLA Testing
Accreditation #103051

Gobi Hemp
Analytical Report - Certificate of Analysis

Manifest: 2608060009
Sample ID: 1A-GHEMP-2608060009-0001
Sample Name: FNP-FM-278 - FM-864-46400-06052026
Sample Type: CBN Isolate
Client ID: CID-00207
Client: MC Nutraceuticals
Address:

Test Performed: Elemental impurities
Intended Use: Inhaled or Audited Product
Report No: MT-2608060009-V1
Receive Date: 2026-08-06
Test Date: 2026-08-07
Report Date: 2026-08-07
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:

Walter Marsh Lead Research Lab Analyst

2026-08-07
Date

This report has been prepared by Gobi Hemp Laboratory 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 Hemp 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. Sample(s) tested at Gobi Analytical.

PJLA Testing
Accreditation #103051

Gobi Hemp

Pesticide Residues Report - Certificate of Analysis

Manifest:	2608060009	**Test Performed:**	Pesticide
Sample ID:	1A-GHEMP-2608060009-0001	**Report No:**	PE-2608060009-V1
Sample Name:	FNP-FM-278 - FM-864-46400-06052026	**Receive Date:**	2026-08-06
Sample Type:	CBN Isolate	**Test Date:**	2026-08-07
Client ID:	CID-00207	**Report Date:**	2026-08-10
Client:	MC Nutraceuticals	**Sample Condition:**	Good
Facility Address:		**Method Reference:**	GA-OP-11

Executive Summary:
Sample 1A-GHEMP-2608060009-0001 has passed pesticide testing.

The following pesticides were detected in the sample:

Scope:
The content of the reported pesticide residues were quantified using LC-MS-MS and GC-TQMS. Identification was based on the retention time of each compound and the product mass spectra generated using Single Reaction Monitoring (SRM) or Dramatic Multiple Reaction Monitoring, and quantitation was determined using external standard calibration.

Lab Comments:

Walter Marsh Lead Research Lab Analyst

2026-08-10
Date

This report has been prepared by Gobi Hemp Laboratory 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 Hemp 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.

PJLA Testing Accreditation #103051

Gobi Hemp
Pesticide Residues Report

Pesticide	Limits (ppm)		Result (ppm)	
	Regulatory	Reporting*		
Abamectin		0.10000	ND	LCMS
Acephate		0.10000	ND	LCMS
Acequinocyl		0.10000	ND	LCMS
Acetamiprid		0.10000	ND	LCMS
Aldicarb		0.10000	ND	LCMS
Allethrin		0.10000	ND	LCMS
Atrazine		0.10000	ND	LCMS
Azadirachtin		0.50000	ND	LCMS
Azoxystrobin		0.10000	ND	LCMS
Benzovindiflupyr		0.10000	ND	LCMS
Bifenazate		0.10000	ND	LCMS
Bifenthrin		1.00000	ND	LCMS
Boscalid		0.10000	ND	LCMS
Buprofezin		0.10000	ND	LCMS
Carbaryl		0.10000	ND	LCMS
Carbofuran		0.10000	ND	LCMS
Chlorantraniliprole		0.10000	ND	LCMS
Chlorphenapyr		0.10000	ND	GCMS
Chlorpyrifos		0.10000	ND	LCMS
Clofentezine		0.10000	ND	LCMS
Clothianidin		0.10000	ND	LCMS
Coumaphos		0.10000	ND	LCMS
Cyantraniliprole		0.10000	ND	LCMS
Cyfluthrin		0.20000	ND	GCMS
Cypermethrin		0.25000	ND	GCMS
Cyprodinil		0.10000	ND	LCMS
Daminozide		0.10000	ND	LCMS
Deltamethrin		0.50000	ND	LCMS
Diazinon		0.10000	ND	LCMS
Dichlorvos		0.10000	ND	GCMS
Dimethoate		0.10000	ND	LCMS
Dimethomorph		0.10000	ND	LCMS
Dinotefuran		0.10000	ND	LCMS
Diuron		0.10000	ND	LCMS

Pesticide	Limits (ppm)		Result (ppm)	
	Regulatory	Reporting*		
Dodemorph		0.10000	ND	LCMS
Endosulfan sulfate		0.10000	ND	GCMS
Endosulfan-alpha		0.20000	ND	GCMS
Endosulfan-beta		0.10000	ND	GCMS
Ethoprophos		0.10000	ND	LCMS
Etofenprox		0.10000	ND	LCMS
Etoxazole		0.10000	ND	LCMS
Etridiazole		0.10000	ND	GCMS
Fenhexamid		0.12500	ND	LCMS
Fenoxycarb		0.10000	ND	LCMS
Fenpyroximate		0.10000	ND	LCMS
Fensulfothion		0.10000	ND	LCMS
Fenthion		0.10000	ND	GCMS
Fenvalerate		0.10000	ND	GCMS
Fipronil		0.10000	ND	LCMS
Flonicamid		0.10000	ND	LCMS
Fludioxonil		0.10000	ND	LCMS
Fluopyram		0.10000	ND	LCMS
Hexythiazox		0.10000	ND	LCMS
Imazalil		0.10000	ND	LCMS
Imidacloprid		0.10000	ND	LCMS
Iprodione		0.50000	ND	LCMS
Kinoprene		0.10000	ND	GCMS
Kresoxim-methyl		0.10000	ND	LCMS
MGK-264		0.10000	ND	GCMS
Malathion		0.10000	ND	LCMS
Metalaxyl		0.10000	ND	LCMS
Methiocarb		0.10000	ND	LCMS
Methomyl		0.10000	ND	LCMS
Methoprene		2.00000	ND	LCMS
Mevinphos		0.10000	ND	LCMS
Myclobutanil		0.10000	ND	LCMS
Naled		0.10000	ND	LCMS
Novaluron		0.10000	ND	LCMS

Pesticide	Limits (ppm)		Result (ppm)	
	Regulatory	Reporting*		
Oxamyl		1.50000	ND	LCMS
Paclobutrazol		0.10000	ND	LCMS
Parathion-methyl		0.10000	ND	GCMS
Permethrins		0.50000	ND	LCMS
Phenothrin		0.10000	ND	LCMS
Phosmet		0.10000	ND	LCMS
Piperonyl butoxide		1.00000	ND	LCMS
Pirimicarb		0.10000	ND	LCMS
Prallethrin		0.10000	ND	LCMS
Propiconazole		0.10000	ND	LCMS
Propoxur		0.10000	ND	LCMS
Pyraclostrobin		0.10000	ND	LCMS
Pyrethrins		0.10000	ND	LCMS
Pyridaben		0.10000	ND	LCMS
Pyriproxyfen		0.10000	ND	LCMS
Quintozene		0.10000	ND	GCMS
Resmethrin		0.10000	ND	LCMS
Spinetoram		0.10000	ND	LCMS
Spinosad		0.10000	ND	LCMS
Spirodiclofen		0.25000	ND	LCMS
Spiromesifen		3.00000	ND	LCMS
Spirotetramat		0.10000	ND	LCMS
Spiroxamine		0.10000	ND	LCMS
Tebuconazole		0.10000	ND	LCMS
Tebufenozide		0.10000	ND	LCMS
Teflubenzuron		0.10000	ND	LCMS
Tetrachlorvinphos		0.10000	ND	LCMS
Tetramethrin		0.10000	ND	LCMS
Thiabendazole		0.10000	ND	LCMS
Thiacloprid		0.10000	ND	LCMS
Thiamethoxam		0.10000	ND	LCMS
Thiophanate-methyl		0.10000	ND	LCMS
Trifloxystrobin		0.10000	ND	LCMS
lambda-Cyhalothrin		0.20000	ND	GCMS

*or Lower Limit of Quantitation (LLOQ).
ND (Not Detected) = sample result is below MDL.
>HLOQ = sample result is above Higher LOQ.
**

Walter Marsh Lead Research Lab Analyst

2026-08-10
Date

This report has been prepared by Gobi Hemp Laboratory 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 Hemp 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 Hemp •
• 3940 Youngfield St. • Wheat Ridge CO 80033 • ISO/IEC 17025:2017 Accredited • (303)456-2040 •

PJLA Testing Accreditation #103051

Gobi Hemp
Microbial Contaminant Report - Certificate of Analysis

Manifest:	2608060009	**Test Performed:**	Microbial
Sample ID:	1A-GHEMP-2608060009-0001	**Report No:**	M-2608060009-V1
Sample Name:	FNP-FM-278 - FM-864-46400-06052026	**Receive Date:**	2026-08-06
Sample Type:	CBN Isolate	**Test Date:**	2026-08-07
Client ID:	CID-00207	**Report Date:**	2026-08-11
Client:	MC Nutraceuticals	**Sample Condition:**	Good
Address:		**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
Salmonella spp.	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:

RODRIGO INDIG, MICROBIOLOGY LAB ANALYST

2026-08-11
Date

This report has been prepared by Gobi Hemp Laboratory 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 Hemp 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.

PJLA Testing Accreditation #103051

Gobi Hemp

Analytical Report - Certificate of Analysis

Manifest:	2608060009	**Test Performed:**	RSA
Sample ID:	1A-GHEMP-2608060009-0001	**Report No:**	R-2608060009-V1
Sample Name:	FNP-FM-278 - FM-864-46400-06052026	**Receive Date:**	2026-08-06
Sample Type:	CBN Isolate	**Test Date:**	2026-08-10
Client ID:	CID-00207	**Report Date:**	2026-08-11
Client:	MC Nutraceuticals	**Sample Condition:**	Good
Address:		**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	47.0	142.3	ND
Iso-Butane	55.5	168.0	ND
N-Butane	68.1	206.4	ND
Methanol	34.8	105.4	ND
Pentane	64.8	196.4	ND
Ethanol	87.8	266.1	ND
Acetone	71.4	216.4	ND
IPA	86.3	261.5	ND
Hexane	0.6	35.0	ND
Ethyl Acetate	71.6	217.0	ND
Benzene	0.3	1.0	ND
Heptane	58.8	178.2	235.95
Toluene	6.5	94.3	ND
Xylenes	7.8	185.9	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:

Walter Marsh Lead Research Lab Analyst

2026-08-11
Date

This report has been prepared by Gobi Hemp Laboratory 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 Hemp 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 Hemp •
• 3940 Youngfield St. • Wheat Ridge CO 80033 • ISO/IEC 17025:2017 Accredited • (303)456-2040 •

PJLA Testing
Accreditation #103051

Gobi Hemp - Certificate of Analysis

Manifest:	2608060009	**Test Performed:**	Potency
Sample ID:	1A-GHEMP-2608060009-0001	**Report No:**	P-2608060009-V1
Name:	FNP-FM-278 - FM-864-46400-06052026	**Receive Date:**	2026-08-06
Type:	CBN Isolate	**Test Date:**	2026-08-11
Client ID:	CID-00207	**Report Date:**	2026-08-11
Client:	MC Nutraceuticals	**Sample Condition:**	Good
Address:		**Method Reference:**	GH-OP-06

Scope: The content of 21 cannabinoids was determined by an in-house developed method for solvent extraction followed by High Performance Liquid Chromatography with Diode Array Detection.

Totals	percent	mg/g
Total THC	ND	ND
Total CBD	ND	ND
Total CBG	ND	ND
Total Cannabinoids	97.78	977.76
Total THC:CBD Ratio	NA	

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

Cannabinoids	percent	mg/g
CBDVA	ND	ND
CBDV	ND	ND
CBDA	ND	ND
CBGA	ND	ND
CBG	ND	ND
CBD	ND	ND
Δ9 THCV	ND	ND
Δ9 THCVA	ND	ND
CBN	97.78	977.76
CBNA	ND	ND
EXO-THC	ND	ND
Δ9 THC	ND	ND
Δ8 THC	ND	ND
Δ10-S THC	ND	ND
CBL	ND	ND
Δ10-R THC	ND	ND
CBC	ND	ND
Δ9 THCA	ND	ND
CBCA	ND	ND
CBLA	ND	ND
CBT	ND	ND

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

Lab Comments:

Rachel Bard - Lead Analyst & Client Relations

2026-08-11
Date

This report has been prepared by Gobi Hemp Laboratory 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 Hemp 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. Only cannabinoids included in the table above are ISO/IEC 17025:2017 accredited.

• Gobi Hemp •
• 3940 Youngfield St. • Wheat Ridge CO 80033 • ISO/IEC 17025:2017 Accredited • (303) 456-2040 •

PJLA Testing Accreditation #103051