

**Manifest:** 2408010006  
**Sample ID:** 1A-GHEMP-2408010006-0005  
**Name:** CBNISO-072524.1 - CBNISO-072524.1  
**Type:** Concentrate  
**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-2408010006-V1  
**Receive Date:** 2024-08-01  
**Test Date:** 2024-08-01  
**Report Date:** 2024-08-05  
**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	percent	mg/g
Total THC	ND	ND
Total CBD	ND	ND
Total CBG	ND	ND
Total Cannabinoids	98.84	988.40
Total THC:CBD Ratio	NA	

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	LOD percent	LOQ percent	percent	mg/g
CBDVA	0.1023	0.7887	ND	ND
CBDV	0.0299	0.7887	ND	ND
CBDA	0.0474	0.7887	ND	ND
CBGA	0.0349	0.7887	ND	ND
CBG	0.0948	0.7887	ND	ND
CBD	0.1011	0.7887	ND	ND
Δ <sup>9</sup> THCV	0.0424	0.7887	ND	ND
Δ <sup>9</sup> THCVA	0.0449	0.7887	ND	ND
CBN	0.0424	0.7887	98.72	987.20
CBNA	0.0699	0.7887	ND	ND
EXO-THC	0.1348	0.7887	0.12	1.20
Δ <sup>9</sup> THC	0.0066	0.0789	ND	ND
Δ <sup>8</sup> THC	0.1173	0.7887	ND	ND
Δ <sup>10</sup> -S THC	0.0512	0.7887	ND	ND
CBL	0.1198	0.7887	ND	ND
Δ <sup>10</sup> -R THC	0.0299	0.7887	ND	ND
CBC	0.0125	0.7887	ND	ND
Δ <sup>9</sup> THCA	0.0054	0.0789	ND	ND
CBCA	0.0998	0.7887	ND	ND
CBLA	0.0998	0.7887	ND	ND
CBT	0.0474	0.7887	ND	ND

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

**Lab Comments:** Δ<sup>9</sup>-THC Uncertainty = +/- 0.01%.



Kristen Kenworthy, Laboratory Operations Manager

2024-08-05

Date

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# Analytical Report - CDPHE Certified Certificate of Analysis

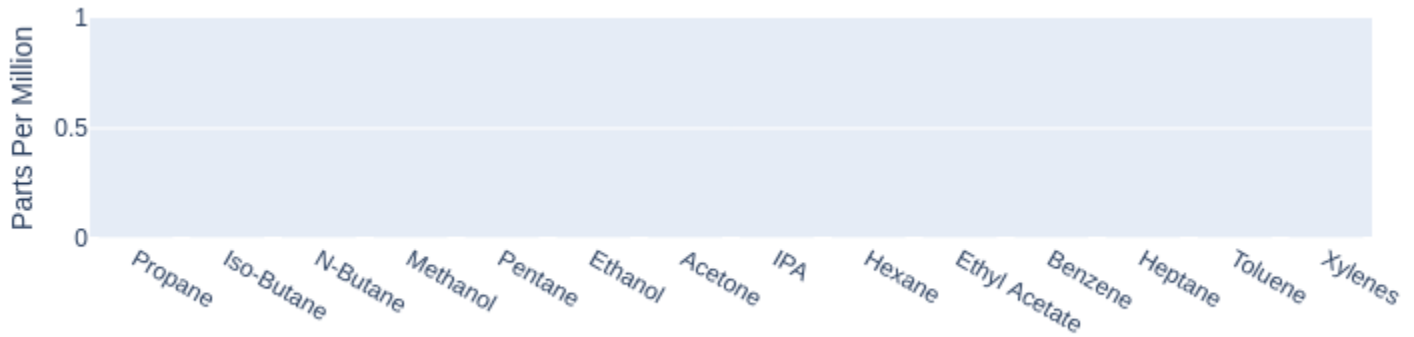
**Manifest:** 2408010006  
**Sample ID:** 1A-GHEMP-2408010006-0005  
**Sample Name:** CBNISO-072524.1 - CBNISO-072524.1  
**Sample Type:** Concentrate  
**Client ID:** CID-00303  
**Client:** MC Nutraceuticals  
**Address:** 6101 Long Prairie Rd. Suite 744 LB  
 17, Flower Mound, Texas 75028

**Test Performed:** Hemp Lab  
**Report No:** R-2408010006-V1  
**Receive Date:** 2024-08-01  
**Test Date:** 2024-08-19  
**Report Date:** 2024-08-20  
**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	ND
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; T - trace; 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:

Kristen Kenworthy, Laboratory Operations Manager

2024-08-20

Date

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# Analytical Report - CDPHE Certified Certificate of Analysis

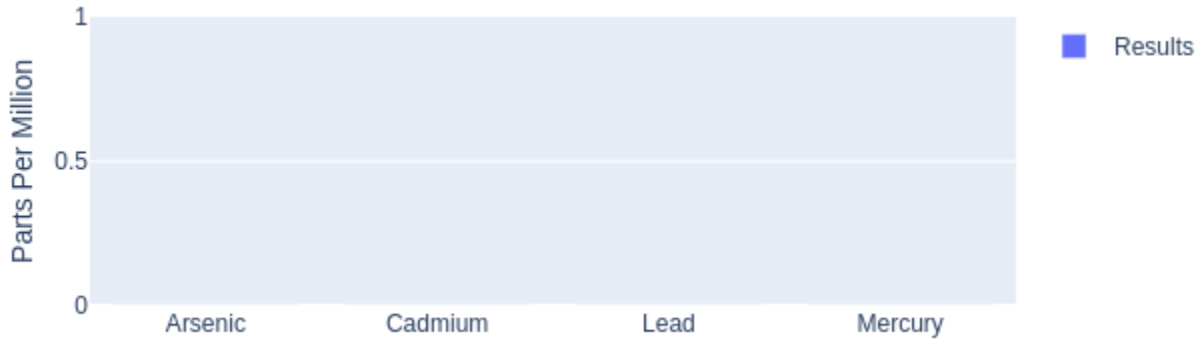
**Manifest:** 2408010006  
**Sample ID:** 1A-GHEMP-2408010006-0005  
**Sample Name:** CBNISO-072524.1 - CBNISO-072524.1  
**Sample Type:** Concentrate  
**Client ID:** CID-00303  
**Client:** MC Nutraceuticals  
**Address:** 6101 Long Prairie Rd. Suite 744 LB 17, Flower Mound, Texas 75028

**Test Performed:** Hemp Lab  
**Intended Use:** Inhaled or Audited Product  
**Report No:** MT-2408010006-V1  
**Receive Date:** 2024-08-01  
**Test Date:** 2024-08-20  
**Report Date:** 2024-08-20  
**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	T
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

2024-08-20

Date

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# Pesticide Residues Report - CDPHE Certified Certificate of Analysis

**Manifest:** 2408010006  
**Sample ID:** 1A-GHEMP-2408010006-0005  
**Sample Name:** CBNISO-072524.1 - CBNISO-072524.1  
**Sample Type:** Concentrate  
**Client ID:** CID-00303  
**Client:** MC Nutraceuticals  
**Facility Address:** 6101 Long Prairie Rd. Suite 744 LB 17, Flower Mound, Texas 75028

**Test Performed:** Pesticide  
**Report No:** PE-2408010006-V1  
**Receive Date:** 2024-08-01  
**Test Date:** 2024-08-19  
**Report Date:** 2024-08-22  
**Sample Condition:** Good  
**Method Reference:** GA-OP-11

## Executive Summary:

Sample 1A-GHEMP-2408010006-0005 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:

Andrew Ogrysko Lab Analyst

2024-08-22

Date



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# Gobi Hemp

## Pesticide Residues Report



Pesticide	Limits (ppm)		Result (ppm)		Pesticide	Limits (ppm)		Result (ppm)		Pesticide	Limits (ppm)		Result (ppm)	
	Regulatory	Reporting*				Regulatory	Reporting*				Regulatory	Reporting*		
Abamectin	0.250	0.25000	ND	LCMS	Dodemorph		0.05000	ND	LCMS	Oxamyl	1.500	1.50000	ND	LCMS
Acephate	0.050	0.05000	ND	LCMS	Endosulfan sulfate	2.500	2.50000	ND	GCMS	Pacllobutrazol	0.010	0.01000	ND	LCMS
Acequinocyl		0.03000	ND	LCMS	Endosulfan-alpha	2.500	2.50000	ND	GCMS	Parathion-methyl		0.05000	ND	GCMS
Acetamiprid	0.050	0.05000	ND	LCMS	Endosulfan-beta	2.500	2.50000	ND	GCMS	Permethrins		0.50000	ND	LCMS
Aldicarb	0.500	0.50000	ND	LCMS	Ethoprophos	0.010	0.01000	ND	LCMS	Phenothrin		0.05000	ND	LCMS
Allethrin	0.100	0.10000	ND	LCMS	Etofenprox		0.05000	ND	LCMS	Phosmet		0.02000	ND	LCMS
Atrazine		0.02500	ND	LCMS	Etoazole		0.02000	ND	LCMS	Piperonyl butoxide	1.250	1.25000	ND	LCMS
Azadirachtin	0.500	0.50000	ND	LCMS	Etridiazole	0.150	0.15000	ND	GCMS	Pirimicarb	0.010	0.01000	ND	LCMS
Azoxystrobin	0.010	0.01000	ND	LCMS	Fenhexamid		0.12500	ND	LCMS	Prallethrin		0.05000	ND	LCMS
Benzovindiflupyr	0.010	0.01000	ND	LCMS	Fenoxycarb	0.010	0.01000	ND	LCMS	Propiconazole		0.10000	ND	LCMS
Bifenazate	0.010	0.01000	ND	LCMS	Fenpyroximate		0.02000	ND	LCMS	Propoxur	0.010	0.01000	ND	LCMS
Bifenthrin		1.00000	ND	LCMS	Fensulfthion	0.010	0.01000	ND	LCMS	Pyraclostrobin	0.010	0.01000	ND	LCMS
Boscalid	0.010	0.01000	ND	LCMS	Fenthion	0.010	0.01000	ND	GCMS	Pyrethrins		0.05000	ND	LCMS
Buprofezin		0.02000	ND	LCMS	Fenvalerate		0.10000	ND	GCMS	Pyridaben	0.020	0.02000	ND	LCMS
Carbaryl	0.025	0.02500	ND	LCMS	Fipronil	0.010	0.01000	ND	LCMS	Pyriproxyfen		0.01000	ND	LCMS
Carbofuran	0.010	0.01000	ND	LCMS	Flonicamid	0.025	0.02500	ND	LCMS	Quintozene		0.02000	ND	GCMS
Chlorantraniliprole		0.02000	ND	LCMS	Fludioxonil	0.010	0.01000	ND	LCMS	Resmethrin	0.050	0.05000	ND	LCMS
Chlorphenapyr	1.500	1.50000	ND	GCMS	Fluopyram	0.010	0.01000	ND	LCMS	Spinetoram	0.010	0.01000	ND	LCMS
Chlorpyrifos	0.500	0.50000	ND	LCMS	Hexythiazox		0.01000	ND	LCMS	Spinosad	0.010	0.01000	ND	LCMS
Clofentezine	0.010	0.01000	ND	LCMS	Imazalil	0.010	0.01000	ND	LCMS	Spirodiclofen		0.25000	ND	LCMS
Clothianidin	0.025	0.02500	ND	LCMS	Imidacloprid	0.010	0.01000	ND	LCMS	Spiromesifen		3.00000	ND	LCMS
Coumaphos	0.010	0.01000	ND	LCMS	Iprodione	0.500	0.50000	ND	LCMS	Spirotetramat	0.010	0.01000	ND	LCMS
Cyantraniliprole	0.010	0.01000	ND	LCMS	Kinoprene	1.250	1.25000	ND	GCMS	Spiroxamine		0.10000	ND	LCMS
Cyfluthrin		0.20000	ND	GCMS	Kresoxim-methyl	0.150	0.15000	ND	LCMS	Tebuconazole	0.010	0.01000	ND	LCMS
Cypermethrin		0.30000	ND	GCMS	MGK-264		0.05000	ND	GCMS	Tebufenozide	0.010	0.01000	ND	LCMS
Cyprodinil	0.010	0.01000	ND	LCMS	Malathion	0.010	0.01000	ND	LCMS	Teflubenzuron	0.025	0.02500	ND	LCMS
Daminozide		0.10000	ND	LCMS	Metaxyl	0.010	0.01000	ND	LCMS	Tetrachlorvinphos	0.010	0.01000	ND	LCMS
Deltamethrin		0.50000	ND	LCMS	Methiocarb	0.010	0.01000	ND	LCMS	Tetramethrin		0.10000	ND	LCMS
Diazinon		0.02000	ND	LCMS	Methomyl	0.025	0.02500	ND	LCMS	Thiabendazole		0.02000	ND	LCMS
Dichlorvos	0.050	0.05000	ND	GCMS	Methoprene		2.00000	ND	LCMS	Thiacloprid	0.010	0.01000	ND	LCMS
Dimethoate	0.010	0.01000	ND	LCMS	Mevinphos	0.025	0.02500	ND	LCMS	Thiamethoxam	0.010	0.01000	ND	LCMS
Dimethomorph		0.05000	ND	LCMS	Myclobutanil	0.010	0.01000	ND	LCMS	Thiophanate-methyl		0.05000	ND	LCMS
Dinotefuran	0.050	0.05000	ND	LCMS	Naled		0.10000	ND	LCMS	Trifloxystrobin	0.010	0.01000	ND	LCMS
Diuron		0.12500	ND	LCMS	Novaluron	0.025	0.02500	ND	LCMS	lambda-Cyhalothrin		0.25000	ND	GCMS

\*or Lower Limit of Quantitation (LLOQ).  
 ND (Not Detected) = sample result is below MDL.  
 >HLOQ = sample result is above Higher LOQ.  
 \*\*T (Trace) = sample result is between LLOQ and Method Detection Limit (MDL).

*Andrew Ogrysko*

Andrew Ogrysko Lab Analyst

2024-08-22

Date



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