



CFH, LTD.  
 350 Terry St. Ste. 150  
 Longmont, CO 80501  
 (303) 412-2516  
[www.cfh.ltd](http://www.cfh.ltd)

Sample Name 500mg/oz cream  
 Serving Size 1 oz  
 Sample ID IA-GHEMP-2210110006-0004  
 Report # R-2210110006-VI  
 Performed by: Gobi Hemp

Cannabinoid Potency			
Cannabinoids	mg/g	mg/oz	mg/jar
CBD	18.43	522.31	522.31
CBC	0.79	22.39	22.39
Δ9 THC	0.67	18.99	18.99
CBG	0.44	12.47	12.47
CBDV	0.43	12.19	12.19
CBDA	0.21	5.95	5.95



Relief Balm

500mg Full Spectrum CBD Hemp

Potency Summary	
Total Δ9-THC	0.07%
Total CBD	1.86%
Total Cannabinoids	2.10%

Contains Terpenes
Eucalyptol
Linalool
Alpha-Pinene
Beta-Caryophyllene
Limonene
Camphene
Beta-Myrcene

Always Less Than 0.3% THC

Always Tested For

- ✓ Microbials
- ✓ Mycotoxins
- ✓ Heavy Metals
- ✓ Pesticides
- ✓ Solvents



# Gobi Hemp

## Analytical Report - CDPHE Certified Certificate of Analysis



**Manifest:** 2211070006  
**Sample Id:** 1A-GHEMP-2211070006-0001  
**Sample Name:** Relief Balm - CRM-0015  
**Sample Type:** Infused (non-edible)  
**Client Id:** CID-50279  
**Client:** CFH Ltd  
**Address:** 350 Terry St, Suite#150, Longmont, CO 80501

**Test Performed:** Hemp Lab  
**Intended Use:** Topical and/or Transdermal  
**Report No:** MT-2211070006-V3  
**Receive Date:** 2022-11-07  
**Test Date:** 2022-11-07  
**Report Date:** 2022-11-10  
**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.

Metals	LOD (ppm)	LOQ (ppm)	Parts Per Million (ppm)
Arsenic	0.007	0.025	ND
Cadmium	0.003	0.010	ND
Lead	0.003	0.010	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

Laboratory Comments:

Jon Person Client Relations Manager

2022-11-10

Date

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**Manifest:** 2211070006  
**Sample Type:** Infused (non-edible)  
**Test Performed:** Microbial Lab  
**Client Id:** CID-50279  
**Client:** CFH Ltd  
**Address:** 350 Terry St, Suite#150, Longmont, CO 80501

**Report No:** M-2211070006-V1  
**Receive Date:** 2022-11-07  
**Test Date:** 2022-11-07  
**Report Date:** 2022-11-11  
**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).



Jon Person Client Relations Manager

2022-11-11

Date

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**Manifest:** 2211070006  
**Sample Type:** Infused (non-edible)  
**Test Performed:** Microbial Lab  
**Client Id:** CID-50279  
**Client:** CFH Ltd  
**Address:** 350 Terry St, Suite#150, Longmont, CO 80501

**Report No:** M-2211070006-V1  
**Receive Date:** 2022-11-07  
**Test Date:** 2022-11-07  
**Report Date:** 2022-11-11  
**Sample Condition:** Good  
**Method Reference:** MBH-OP-02, MBH-OP-03,  
MBH-OP-05 , MBH-OP-10,  
MBH-OP-11

Sample Id	Product	Salmonella spp.	STEC	TYMC (cfu/g)	TAC (cfu/g)	TCC (cfu/g)
1A-GHEMP-2211070006-0001*	Relief Balm - CRM-0015	Negative	Negative	<100	<100	<100

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

### Laboratory Comments:



Jon Person Client Relations Manager

2022-11-11

Date

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# Gobi Hemp - CDPHE Certified Certificate of Analysis



**Manifest:** 2211070006  
**Sample ID:** 1A-GHEMP-2211070006-0001  
**Sample Name:** Relief Balm - CRM-0015  
**Sample Type:** Infused (non-edible)  
**Client ID:** CID-50279  
**Client:** CFH Ltd  
**Address:** 350 Terry St, Suite#150, Longmont, CO 80501

**Test Performed:** Potency  
**Report No:** P-2211070006-V1  
**Receive Date:** 2022-11-07  
**Test Date:** 2022-11-09  
**Report Date:** 2022-11-10  
**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	19.13	0.67
Total CBD	527.32	18.61
Total CBG	12.57	0.44
Total Cannabinoids	594.16	20.97
Total THC: CBD Ratio	1 : 27.57	
Net Weight (g)	28.34	

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
CBDVA	0.0025	0.019	ND	ND
CBDV	0.0007	0.019	12.06	0.43
CBDA	0.0011	0.019	5.87	0.21
CBGA	0.0008	0.019	ND	ND
CBG	0.0023	0.019	12.57	0.44
CBD	0.0024	0.019	522.17	18.43
$\Delta^9$ THCV	0.001	0.019	ND	ND
$\Delta^9$ THCVA	0.0011	0.019	ND	ND
CBN	0.001	0.019	ND	ND
CBNA	0.0017	0.019	ND	ND
EXO-THC	0.0032	0.019	ND	ND
$\Delta^9$ THC	0.0016	0.019	19.13	0.67
$\Delta^8$ THC	0.0028	0.019	ND	ND
$\Delta^{10}$ -S THC	0.0012	0.019	ND	ND
CBL	0.0029	0.019	ND	ND
$\Delta^{10}$ -R THC	0.0007	0.019	ND	ND
CBC	0.0003	0.019	22.36	0.79
$\Delta^9$ THCA	0.0013	0.019	ND	ND
CBCA	0.0024	0.019	ND	ND
CBLA	0.0024	0.019	ND	ND
CBT	0.0011	0.019	ND	ND

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

**Lab Comments:**  $\Delta^9$ -THC Uncertainty = +/- 1.527 mg/unit

Jon Person Client Relations Manager

2022-11-10

Date



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# Gobi Hemp

## Pesticide Residues Report - Certificate of Analysis



**Manifest:** 2211070006  
**Sample Id:** 1A-GHEMP-2211070006-0001  
**Sample Name:** Relief Balm - CRM-0015  
**Sample Type:** Infused (non-edible)  
**Client Id:** CID-50279  
**Client:** CFH Ltd  
**Address:** 350 Terry St, Suite#150, Longmont, CO 80501

**Test Performed:** Hemp Lab  
**Report No:** PE-2211070006-V1  
**Receive Date:** 2022-11-07  
**Test Date:** 2022-11-11  
**Report Date:** 2022-11-14  
**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
Avermectin B1a	0.1	ND
Acephate	0.1	ND
Acetamiprid	0.1	ND
Aldicarb	0.1	ND
Azoxystrobin	0.1	ND
Bifenazate	0.1	ND
Bifenthrin	0.1	ND
Boscalid	0.1	ND
Captan	0.1	ND
Carbaryl	0.1	ND
Carbofuran	0.1	ND
Chlorantraniliprole	0.1	ND
Chlordane	0.1	ND
Chlorpyrifos	0.1	ND
Clofentazine	0.1	ND
Coumaphos	0.1	ND
Baythroid (Cyfluthrin)*	0.1	NT
Cypermethrin*	0.1	NT
Dichlorvos	0.1	ND
Diazinon	0.1	ND
Dimethoate	0.1	ND
Dimethomorph*	0.1	ND
Prophos	0.1	ND
Etofenprox	0.1	ND
Etoxazole	0.1	ND
Fenhexamid	0.1	ND
Fenoxycarb	0.1	ND
Fenpyroximate	0.1	ND
Fipronil	0.1	ND
Flonicamid	0.1	ND
Fludioxonil	0.1	ND

Analyte	Reporting Level µg/g	µg/g
Hexythiazox	0.1	ND
Imazilil	0.1	ND
Imidacloprid	0.1	ND
Kresoxim Methyl	0.1	ND
Malathion	0.1	ND
Metalaxyl	0.1	ND
Methiocarb	0.1	ND
Methomyl	0.1	ND
Mevinphos*	0.1	ND
MGK-264	0.1	NT
Myclobutanil	0.1	ND
Oxamyl	0.1	ND
Paclobutrazol	0.1	ND
Pentachloronitrobenzene	0.1	ND
Permethrin*	0.1	ND
Imidan(Phosmet)	0.1	ND
Piperonyl Butoxide	0.1	ND
Propiconazole	0.1	ND
Propuxor	0.1	ND
Pyrethrin*	0.1	ND
Pyridaben	0.1	ND
Spinetoram	0.1	ND
Spinosad*	0.1	ND
Spiromefesin	0.1	ND
Spirotetramat	0.1	ND
Spiroxamine	0.1	ND
Tebuconazole	0.1	ND
Thiacloprid	0.1	ND
Thiamethoxam	0.1	ND
Trifloxystrobin	0.1	ND

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

### Lab Comments:

Jon Person Client Relations Manager

2022-11-14

Date

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**Manifest:** 2211070006  
**Sample Id:** 1A-GHEMP-2211070006-0001  
**Sample Name:** Relief Balm - CRM-0015  
**Sample Type:** Infused (non-edible)  
**Client Id:** CID-50279  
**Client:** CFH Ltd  
**Address:** 350 Terry St, Suite#150, Longmont, CO 80501

**Test Performed:** Hemp Lab  
**Report No:** R-2211070006-V1  
**Receive Date:** 2022-11-07  
**Test Date:** 2022-11-11  
**Report Date:** 2022-11-14  
**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

Laboratory Comments:

2022-11-14

Jon Person Client Relations Manager

Date

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# Gobi Hemp

## Terpene Report - Certificate of Analysis



**Manifest:** 2211070006  
**Sample Id:** 1A-GHEMP-2211070006-0001  
**Sample Name:** Relief Balm - CRM-0015  
**Sample Type:** Infused (non-edible)  
**Client Id:** CID-50279  
**Client:** CFH Ltd  
**Address:** 350 Terry St, Suite#150, Longmont, CO 80501

**Test Performed:** Hemp Lab  
**Report No:** T-2211070006-V1  
**Receive Date:** 2022-11-07  
**Test Date:** 2022-11-10  
**Report Date:** 2022-11-11  
**Sample Condition:** Good  
**Method Reference:** GH-OP-14

<b>Total Terpenes</b>	2.06%
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Terpene	Percent
Alpha-Pinene	0.1666
Camphene	0.0462
Beta-Pinene	ND
Beta-Myrcene	0.0450
Delta-3-Carene	ND
Alpha-Terpinene	ND
Limonene	0.1077
Alpha-Ocimene	ND
Eucalyptol	1.2336
Beta-Ocimene	ND
Gamma-Terpinene	ND

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

Terpene	Percent
Terpinolene	ND
Linalool	0.2827
(-)-Isopulegol	ND
Geraniol	ND
Beta-Caryophyllene	0.1382
Alpha-Humulene	0.0414
cis-Nerolidol	ND
trans-Nerolidol	ND
(-)-Guaiol	ND
(-)-Caryophyllene Oxide	ND
Alpha-Bisabolol	ND

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

Jon Person Client Relations Manager

2022-11-11

Date

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# Gobi Hemp

## Analytical Report - CDPHE Certified Certificate of Analysis



**Manifest:** 2211070006  
**Sample Id:** 1A-GHEMP-2211070006-0001  
**Sample Name:** Relief Balm - CRM-0015  
**Sample Type:** Infused (non-edible)  
**Client Id:** CID-50279  
**Client:** CFH Ltd  
**Address:** 350 Terry St, Suite#150, Longmont, CO 80501

**Test Performed:** Hemp Lab  
**Report No:** R-2211070006-V1  
**Receive Date:** 2022-11-07  
**Test Date:** 2022-11-11  
**Report Date:** 2022-11-14  
**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; ULOQ - upper limit of quantitation; LOD - limit of detection; LOQ - limit of quantitation

Laboratory Comments:

2022-11-14

Kristen Kenworthy, Laboratory Operations Manager

Date

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