Gobi Hemp Microbial Contaminant Report - Certificate of Analysis



Manifest:	2203040009	Report No:	, ,
Sample Types:	Concentrate, Infused (edible)	Receive Date:	
Test Performed:	Microbial Lab	Test Date:	
Client Id:	CID-50222	Report Date:	
Client:	3Chi	Sample Condition:	
Address:	To be shared, , Carmel, IN 46032	Method Reference:	
/ dui coor			MBH-OP-05 , MBH-OP-10, MBH-OP-11

Scope

None

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).

2022-03-08

Date

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Gobi Hemp Microbial Contaminant Report - Certificate of Analysis



Manifest:	2203040009	Report No:	M-2203040009-V1
Sample Types:	Concentrate, Infused (edible)	Receive Date:	2022-03-04
Test Performed:	Microbial Lab	Test Date:	2022-03-04
Client Id:	CID-50222	Report Date:	2022-03-08
Client:	3Chi	Sample Condition:	Good
Address:	To be shared, , Carmel, IN 46032	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-2203040009-0002	3Chi HHC Vape - Green Crack - 220228-HHCGC	Negative	Negative	NT	<100	<100

STEC - shiga toxin-producing *Escherichia coli*; TYMC - total yeast and mold count; TAC - Total Aerobic Count; TCC - Total Coliform Count;

Laboratory Comments:

NT = Not Tested

None

2022-03-08

Date

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Manifest:	Concentrate	Test Performed:	Hemp Lab
Sample Id:		Report No:	P-2203040009-V1
Sample Name:		Receive Date:	2022-03-04
Sample Type:		Test Date:	2022-03-08
Client Id:	CID-50222	Report Date:	2022-03-09
Client:	3Chi	Sample Condition:	Good
Address:	To be shared, , Carmel, IN 46032	•	

Scope

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

Cannabinoids	Percent	mg/gram
CBDV	ND	ND
CBDA	ND	ND
CBGA	ND	ND
CBG	ND	ND
CBD	0.50	5.03
THCV	ND	ND
CBN	ND	ND
Δ9-THC	ND	ND
CBC	ND	ND
THCA	ND	ND
CBDVA	ND	ND
THCVA	ND	ND
CBNA	ND	ND
Δ8-THC	ND	ND
CBL	ND	ND
CBCA	ND	ND

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

	Percent	mg/gram
Total ∆9-THC	0.00	0.00
Total CBD	0.50	5.03
Total CBG	0.00	0.00
Total Cannabinoids	0.50	5.03

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

Laboratory Comments: 9R-HHC = 43.06 % 9S-HHC = 48.60 %

2022-03-09

Date

None

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Gobi Hemp Terpene Report - Certificate of Analysis



Manifest:	2203040009
Sample Id:	1A-GHEMP-2203040009-0002
Sample Name:	3Chi HHC Vape - Green Crack - 220228-HHCGC
Sample Type:	Concentrate
Client Id:	CID-50222
Client:	3Chi
Address:	To be shared, , Carmel, IN 46032

2.12%

Test Performed:	Hemp Lab
Report No:	T-2203040009-V1
Receive Date:	2022-03-04
Test Date:	2022-03-08
Report Date:	2022-03-09
Sample Condition:	Good
Method Reference:	GH-OP-14

Terpene

Terpene	Percent
Alpha-Pinene	0.0884
Camphene	ND
Beta-Pinene	0.0981
Beta-Myrcene	0.5683
Delta-3-Carene	ND
Alpha-Terpinene	ND

Total Terpenes

Camphene	ND
Beta-Pinene	0.0981
Beta-Myrcene	0.5683
Delta-3-Carene	ND
Alpha-Terpinene	ND
Limonene	0.4137
Alpha-Ocimene	ND
Eucalyptol	ND
Beta-Ocimene	ND
Gamma-Terpinene	ND

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

Jon Person Client Relations Manager

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Terpinolene	0.4822	
Linalool	0.0319	
(-)-Isopulegol	ND	
Geraniol	ND	
Beta-Caryophyllene	0.3782	
Alpha-Humulene	0.0209	
cis-Nerolidol	ND	
trans-Nerolidol	ND	
(-)-Guaiol	ND	
(-)-Caryophyllene Oxide	ND	
Alpha-Bisabolol	0.0345	
ND - not detected; T - trace; ULOQ - upper limit of		

quantitation

2022-03-09

Date

Percent



Manifest:	2203040009	Test Performed:	Hemp Lab
Sample Id:	1A-GHEMP-2203040009-0002	Intended Use:	Inhaled or Audited Product
Sample Name:	3Chi HHC Vape - Green Crack - 220228-HHCGC	Report No:	MT-2203040009-V1
Sample Type:	Concentrate	Receive Date:	2022-03-04
Client Id:	CID-50222	Test Date:	2022-03-07
Client:	3Chi	Report Date:	2022-03-09
Address:	To be shared, , Carmel, IN 46032	Sample Condition: Method Reference:	Good 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)	Sample Reporting Limit (ppm)	Parts Per Million (ppm)
Arsenic	0.007	0.025	0.500	ND
Cadmium	0.003	0.010	0.100	ND
Lead	0.003	0.010	0.100	ND
Mercury	0.0009	0.003	0.100	ND

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

Laboratory Comments:

Hog

Jerry Hogan - Director of Operations

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2022-03-09 Date

Gobi Hemp Pesticide Residues Report - Certificate of Analysis



Manifest:	2203040009	Test Performed:	Hemp Lab
Sample Id:	1A-GHEMP-2203040009-0002	Report No:	PE-2203040009-V2
Sample Name:	3Chi HHC Vape - Green Crack - 220228-HHCGC	Receive Date:	2022-03-04
Sample Type:	Concentrate	Test Date:	2022-03-08
Client Id:	CID-50222	Report Date:	2022-03-11
Client:	3Chi	Sample Condition:	Good
Address:	To be shared, , Carmel, IN 46032	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	hð\ð	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	NT	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	NT
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	Paclobutrazol	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	NT	Thiamethoxam	0.1	ND
Flonicamid	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 Lab Comments:					

Jon Person Client Relations Manager

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2022-03-11

Date



Manifest: Sample Id:	2203040009 1A-GHEMP-2203040009-0002	Test Performed: Report No:	Hemp Lab R-2203040009-V3
Sample Name:	3Chi HHC Vape - Green Crack - 220228-HHCGC	Receive Date:	2022-03-04
Sample Type:	Concentrate	Test Date:	2022-03-09
Client Id:	CID-50222	Report Date:	2022-03-14
Client:	3Chi	Sample Condition:	Good
Address:	To be shared, , Carmel, IN 46032	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	Т
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:

Jon Person Client Relations Manager

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2022-03-14

Date



Manifest:	2203040009	Test Performed:	Hemp Lab
Sample Id:	1A-GHEMP-2203040009-0002	Report No:	R-2203040009-V1
Sample Name:	3Chi HHC Vape - Green Crack - 220228-HHCGC	Receive Date:	2022-03-04
Sample Type:	Concentrate	Test Date:	2022-03-10
Client Id:	CID-50222	Report Date:	2022-03-14
Client:	3Chi	Sample Condition:	Good
Address:	To be shared, , Carmel, IN 46032	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:

Jon Person Client Relations Manager

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