

# CERTIFICATE OF ANALYSIS

## ISO/IEC 17025:2017 ACCREDITATION #103104



**Order #:** 89652  
**Order Name:** Happy Fruit  
 15mg FSO, 5mg THCV Guava  
**Batch#:** N01454  
**Received:** 01/04/2022  
**Completed:** 01/05/2022



### Sample



<b>0.220%</b> Total D9-THC	<b>N/D</b> Total CBD
<b>21.2 mg</b> Cannabinoids per unit	<b>N/D mg</b> CBD per unit

### Cannabinoids Test

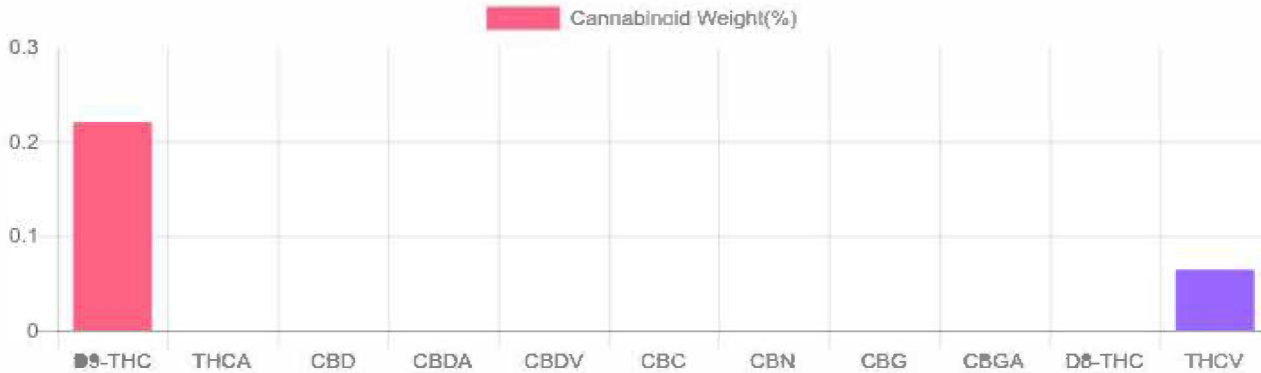
HPLC-DAD  
GSL SOP 400

UPLOADED: 01/05/2022 12:43:27

Cannabinoids	LOQ(mg/g)	LOD(mg/g)	weight(%)	mg/g	mg/unit
D9-THC	0.1954	0.0645	0.220%	2.203	16.412
THCA	0.1954	0.0645	N/D	N/D	N/D
CBD	0.1954	0.0645	N/D	N/D	N/D
CBDA	0.1954	0.0645	N/D	N/D	N/D
CBDV	0.1954	0.0645	N/D	N/D	N/D
CBC	0.1954	0.0645	N/D	N/D	N/D
CBN	0.1954	0.0645	N/D	N/D	N/D
CBG	0.1954	0.0645	N/D	N/D	N/D
CBGA	0.1954	0.0645	N/D	N/D	N/D
D8-THC	0.1954	0.0645	N/D	N/D	N/D
THCV	0.1954	0.0645	0.064%	0.637	4.746

TOTAL D9-THC	0.220%	2.203	16.4
TOTAL CBD*	N/D	N/D	N/D
TOTAL CANNABINOIDS	0.284%	2.840	21.2

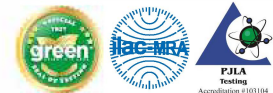
1 unit = 7.45 grams per unit x Cannabinoid concentration



\*Total CBD = CBD + CBDA x 0.877  
N/D - Not Detected, B/LOQ - Below Limit of Quantification

Ben Witten, MS, MT., Lab Director

**Green Scientific Labs**  
 info@greenscientificlabs.com  
 1-833 TEST CBD



This COA is governed by the terms and conditions listed on: <https://www.greenscientificlabs.com/terms-of-use.php>

# Gobi Hemp

## Analytical Report - Certificate of Analysis



**Manifest:** 2201050007  
**Sample Id:** 1A-GHEMP-2201050007-0002  
**Sample Name:** Guava Delight N01454  
**Sample Type:** Infused (edible)  
**Client Id:** CID-50200  
**Client:** Happy Fruit LLC  
**Address:** 6500 S Quebec St, Unit 280, Centennial, CO 80111

**Test Performed:** Hemp Lab  
**Report No:** R-2201050007-V3  
**Receive Date:** 2022-01-05  
**Test Date:** 2022-01-07  
**Report Date:** 2022-01-10  
**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:

Jerry Hogan - Director of Operations

2022-01-10

Date

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• Wheat Ridge CO 80033 •  
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**Manifest:** 2201050007  
**Sample Id:** 1A-GHEMP-2201050007-0002  
**Sample Name:** Guava Delight N01454  
**Sample Type:** Infused (edible)  
**Client Id:** CID-50200  
**Client:** Happy Fruit LLC  
**Address:** 6500 S Quebec St, Unit 280, Centennial, CO 80111

**Test Performed:** Hemp Lab  
**Report No:** R-2201050007-V1  
**Receive Date:** 2022-01-05  
**Test Date:** 2022-01-06  
**Report Date:** 2022-01-12  
**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:



2022-01-12

Jon Person Client Relations Manager

Date

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# Gobi Hemp

## Analytical Report - Certificate of Analysis



**Manifest:** 2201050007  
**Sample Id:** 1A-GHEMP-2201050007-0002  
**Sample Name:** Guava Delight N01454  
**Sample Type:** Infused (edible)  
**Client Id:** CID-50200  
**Client:** Happy Fruit LLC  
**Address:** 6500 S Quebec St, Unit 280, Centennial, CO 80111

**Test Performed:** Hemp Lab  
**Intended Use:** Inhaled or Audited Product  
**Report No:** MT-2201050007-V1  
**Receive Date:** 2022-01-05  
**Test Date:** 2022-01-07  
**Report Date:** 2022-01-11  
**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)	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:

Jon Person Client Relations Manager

2022-01-11

Date

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# Gobi Hemp

## Pesticide Residues Report - Certificate of Analysis



**Manifest:** 2201050007  
**Sample Id:** 1A-GHEMP-2201050007-0002  
**Sample Name:** Guava Delight N01454  
**Sample Type:** Infused (edible)  
**Client Id:** CID-50200  
**Client:** Happy Fruit LLC  
**Address:** 6500 S Quebec St, Unit 280, Centennial, CO 80111

**Test Performed:** Hemp Lab  
**Report No:** PE-2201050007-V2  
**Receive Date:** 2022-01-05  
**Test Date:** 2022-01-07  
**Report Date:** 2022-01-12  
**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	NT
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	NT
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	NT
Mevinphos*	0.1	ND
MGK-264	0.1	ND
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:

Jerry Hogan - Director of Operations

2022-01-12

Date

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<b>Manifest:</b>	2201050007	<b>Report No:</b>	M-2201050007-V1
<b>Sample Type:</b>	Infused (edible)	<b>Receive Date:</b>	2022-01-05
<b>Test Performed:</b>	Microbial Lab	<b>Test Date:</b>	2022-01-05
<b>Client Id:</b>	CID-50200	<b>Report Date:</b>	2022-01-12
<b>Client:</b>	Happy Fruit LLC	<b>Sample Condition:</b>	Good
<b>Address:</b>	6500 S Quebec St, Unit 280, Centennial, CO 80111	<b>Method Reference:</b>	MBH-OP-02, MBH-OP-03, MBH-OP-05

### 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).



Jerry Hogan - Director of Operations

2022-01-12

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<b>Manifest:</b>	2201050007	<b>Report No:</b>	M-2201050007-V1
<b>Sample Type:</b>	Infused (edible)	<b>Receive Date:</b>	2022-01-05
<b>Test Performed:</b>	Microbial Lab	<b>Test Date:</b>	2022-01-05
<b>Client Id:</b>	CID-50200	<b>Report Date:</b>	2022-01-12
<b>Client:</b>	Happy Fruit LLC	<b>Sample Condition:</b>	Good
<b>Address:</b>	6500 S Quebec St, Unit 280, Centennial, CO 80111	<b>Method Reference:</b>	MBH-OP-02, MBH-OP-03, MBH-OP-05

Sample Id	Product	Salmonella spp.	STEC	TYMC (cfu/g)
1A-GHEMP-2201050007-0002	Guava Delight N01454	Negative	Negative	NT

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



Jerry Hogan - Director of Operations

2022-01-12

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