

Gobi Hemp

Analytical Report - Certificate of Analysis



Manifest: 2206100002
Sample Id: 1A-GHEMP-2206100002-0002
Sample Name: Tanasi Full Spectrum Lotion - (W13)(RE1)(RE53)TP2
Sample Type: Infused (non-edible)
Client Id: CID-50292
Client: Mighty Fine Manufacturing
Address: 423 Houston Street, Suite 100, Nashville, TN 37203

Test Performed: Hemp Lab
Report No: P-2206100002-V1
Receive Date: 2022-06-10
Test Date: 2022-06-13
Report Date: 2022-06-15
Sample Condition: Good
Method Reference: GH-OP-06

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	mg/unit	mg/gram
CBDV	5.17	0.04
CBDA	593.07	4.94
CBGA	7.76	0.06
CBG	ND	ND
CBD	581.48	4.85
THCV	ND	ND
CBN	ND	ND
Δ9-THC	10.30	0.09
CBC	7.14	0.06
THCA	ND	ND
CBDVA	5.02	0.04
THCVA	ND	ND
CBNA	ND	ND
Δ8-THC	ND	ND
CBL	ND	ND
CBCA	T	T

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

	mg/unit	mg/gram
Total Δ9-THC	10.30	0.09
Total CBD	1101.60	9.18
Total CBG	6.81	0.06
Total Cannabinoids	1209.94	10.08
Total Δ9-THC (%)	0.01%	

Total Δ9-THC = Δ9-THC + (THCA x 0.877)

Total CBD = CBD + (CBDA x 0.877)

Total CBG = CBG + (CBGA x 0.877)

Net Weight (g)
120.00

Laboratory Comments:

Jerry Hogan - Director of Operations

2022-06-15

Date

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Gobi Hemp
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 • Wheat Ridge CO 80033 •
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 • (303) 955-4934 •



Manifest:	2206100002	Report No:	M-2206100002-V1
Sample Types:	Concentrate, Infused (non-edible)	Receive Date:	2022-06-10
Test Performed:	Microbial Lab	Test Date:	2022-06-10
Client Id:	CID-50292	Report Date:	2022-06-13
Client:	Mighty Fine Manufacturing	Sample Condition:	Good
Address:	423 Houston Street, Suite 100, Nashville, TN 37203	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

2022-06-13

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Manifest: 2206100002
Sample Types: Concentrate, Infused (non-edible)
Test Performed: Microbial Lab
Client Id: CID-50292
Client: Mighty Fine Manufacturing
Address: 423 Houston Street, Suite 100, Nashville, TN 37203

Report No: M-2206100002-V1
Receive Date: 2022-06-10
Test Date: 2022-06-10
Report Date: 2022-06-13
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-2206100002-0002	Tanasi Full Spectrum Lotion - (W13) (RE1)(RE53)TP2	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;

Laboratory Comments:



Jon Person Client Relations Manager

2022-06-13

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Analytical Report - Certificate of Analysis



Manifest: 2206100002
Sample Id: 1A-GHEMP-2206100002-0002
Sample Name: Tanasi Full Spectrum Lotion - (W13)(RE1)(RE53)TP2
Sample Type: Infused (non-edible)
Client Id: CID-50292
Client: Mighty Fine Manufacturing
Address: 423 Houston Street, Suite 100, Nashville, TN 37203

Test Performed: Hemp Lab
Intended Use: Inhaled or Audited Product
Report No: MT-2206100002-V1
Receive Date: 2022-06-10
Test Date: 2022-06-14
Report Date: 2022-06-15
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

2022-06-15

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Pesticide Residues Report - Certificate of Analysis



Manifest: 2206100002
Sample Id: 1A-GHEMP-2206100002-0002
Sample Name: Tanasi Full Spectrum Lotion - (W13)(RE1)(RE53)TP2
Sample Type: Infused (non-edible)
Client Id: CID-50292
Client: Mighty Fine Manufacturing
Address: 423 Houston Street, Suite 100, Nashville, TN 37203

Test Performed: Hemp Lab
Report No: PE-2206100002-V1
Receive Date: 2022-06-10
Test Date: 2022-06-10
Report Date: 2022-06-17
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	NT
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	NT
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

2022-06-17

Date

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Manifest: 2206100002
Sample Id: 1A-GHEMP-2206100002-0002
Sample Name: Tanasi Full Spectrum Lotion - (W13)(RE1)(RE53)TP2
Sample Type: Infused (non-edible)
Client Id: CID-50292
Client: Mighty Fine Manufacturing
Address: 423 Houston Street, Suite 100, Nashville, TN 37203

Test Performed: Hemp Lab
Report No: R-2206100002-V1
Receive Date: 2022-06-10
Test Date: 2022-06-14
Report Date: 2022-06-17
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:



2022-06-17

Jon Person Client Relations Manager

Date

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