

Gobi Hemp - Certificate of Analysis



Manifest: 2212210002
Sample ID: 1A-GHEMP-2212210002-0001
Sample Name: Sports Stick - 1222-3FL49-GW
Sample Type: Infused (non-edible)
Client ID: CID-50257
Client: GreenWay Tanasi, LLC
Address: 509 W College St, Murfreesboro, TN 37130

Test Performed: Potency
Report No: P-2212210002-V1
Receive Date: 2022-12-21
Test Date: 2022-12-21
Report Date: 2022-12-22
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	18.55	0.25
Total CBD	589.81	8.00
Total CBG	ND	ND
Total Cannabinoids	649.83	8.82
Total THC:CBD Ratio	1 : 31.79	
Net Weight (g)	73.71	

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

Cannabinoids	mg/unit	mg/g
CBDVA	ND	ND
CBDV	ND	ND
CBDA	315.99	4.29
CBGA	T	T
CBG	ND	ND
CBD	312.69	4.24
Δ^9 THCV	ND	ND
Δ^9 THCVA	ND	ND
CBN	ND	ND
CBNA	ND	ND
EXO-THC	ND	ND
Δ^9 THC	ND	ND
Δ^8 THC	ND	ND
Δ^{10} -S THC	ND	ND
CBL	ND	ND
Δ^{10} -R THC	ND	ND
CBC	ND	ND
Δ^9 THCA	21.15	0.29
CBCA	ND	ND
CBLA	ND	ND
CBT	ND	ND

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

Lab Comments:

Dave Wells Laboratory Manager

2022-12-22

Date



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Sample Id: 1A-GHEMP-2212210002-0001
Sample Name: Sports Stick - 1222-3FL49-GW
Sample Type: Infused (non-edible)
Client Id: CID-50257
Client: GreenWay Tanasi, LLC
Address: 509 W College St, , Murfreesboro, TN 37130

Test Performed: Hemp Lab
Report No: R-2212210002-V1
Receive Date: 2022-12-21
Test Date: 2022-12-21
Report Date: 2022-12-22
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:



Dave Wells Laboratory Manager

2022-12-22

Date

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Manifest: 2212210002
Sample Id: 1A-GHEMP-2212210002-0001
Sample Name: Sports Stick - 1222-3FL49-GW
Sample Type: Infused (non-edible)
Client Id: CID-50257
Client: GreenWay Tanasi, LLC
Address: 509 W College St, , Murfreesboro, TN 37130

Test Performed: Hemp Lab
Intended Use: Topical and/or Transdermal
Report No: MT-2212210002-V1
Receive Date: 2022-12-21
Test Date: 2022-12-27
Report Date: 2022-12-27
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:

2022-12-27

Tessa Johnson Laboratory Analyst

Date

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Sample Name: Sports Stick - 1222-3FL49-GW
Sample Type: Infused (non-edible)
Client Id: CID-50257
Client: GreenWay Tanasi, LLC
Address: 509 W College St, , Murfreesboro, TN 37130

Test Performed: Hemp Lab
Report No: R-2212210002-V1
Receive Date: 2022-12-21
Test Date: 2022-12-22
Report Date: 2022-12-29
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:



2022-12-29

Jon Person Client Relations Manager

Date

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Manifest: 2212210002
Sample Id: 1A-GHEMP-2212210002-0001
Sample Name: Sports Stick - 1222-3FL49-GW
Sample Type: Infused (non-edible)
Client Id: CID-50257
Client: GreenWay Tanasi, LLC
Address: 509 W College St, , Murfreesboro, TN 37130

Test Performed: Hemp Lab
Report No: PE-2212210002-V1
Receive Date: 2022-12-21
Test Date: 2022-12-22
Report Date: 2022-12-29
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:

2022-12-29

Date

Tessa Johnson Laboratory Analyst

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Manifest: 2212210002
Sample Type: Infused (non-edible)
Test Performed: Microbial Lab
Client Id: CID-50257
Client: GreenWay Tanasi, LLC
Address: 509 W College St, , Murfreesboro, TN 37130

Report No: M-2212210002-V1
Receive Date: 2022-12-21
Test Date: 2022-12-21
Report Date: 2022-12-27
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

2022-12-27

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Test Performed: Microbial Lab
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Report No: M-2212210002-V1
Receive Date: 2022-12-21
Test Date: 2022-12-21
Report Date: 2022-12-27
Sample Condition: Good
Method Reference: MBH-OP-02, MBH-OP-03, MBH-OP-05, MBH-OP-10, MBH-OP-11

Sample Id	Product	<i>Salmonella</i> spp.	STEC	TYMC (cfu/g)	TAC (cfu/g)	TCC (cfu/g)
1A-GHEMP-2212210002-0001	Sports Stick - 1222-3FL49-GW	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

2022-12-27

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