### **Microbial Contaminant Report - Certificate of Analysis**



**Manifest:** 2202100006 **Report No:** M-2202100006-V1

Sample Type:ConcentrateReceive Date:2022-02-10Test Performed:Microbial LabTest Date:2022-02-10Client Id:CID-50134Report Date:2022-02-15

Sample Condition: Good
Method Reference: 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<sup>™</sup> Petrifilm<sup>™</sup> plating technology. The TYMC/TAC/TCC is represented as a count in colony forming units per gram (cfu/g).

J Hog-

2022-02-15

Jerry Hogan - Director of Operations

Date

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### **Microbial Contaminant Report - Certificate of Analysis**



Sample Type:ConcentrateReceive Date:2022-02-10Test Performed:Microbial LabTest Date:2022-02-10Client Id:CID-50134Report Date:2022-02-15

Sample Condition: Good

Method Reference: MBH-OP-05

Sample Id	Product	Salmonella spp.	STEC	TYMC (cfu/g)
1A-GHEMP-2202100006-0001	HHC 6HAPL02221	NT	NT	<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

2022-02-15

Jerry Hogan - Director of Operations

Date

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## **Analytical Report - Certificate of Analysis**



Manifest: 2202100006

Sample Id: 1A-GHEMP-2202100006-0001

Sample Name: HHC 6HAPL02221
Sample Type: Concentrate
Client Id: CID-50134

Test Performed: Hemp Lab

**Report No:** P-2202100006-V1

 Receive Date:
 2022-02-10

 Test Date:
 2022-02-14

 Report Date:
 2022-02-15

 Sample Condition:
 Good

Method Reference:

#### 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	ND	ND
THCV	ND	ND
CBN	ND	ND
Δ9-ΤΗС	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;	Γ - trace; LOQ - limit of quantitation; LOD - limit of detection

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

GH-OP-06

Total  $\Delta 9$ -THC =  $\Delta 9$ -THC + (THCA x 0.877) Total CBD = CBD + (CBDA x 0.877) Total CBG = CBG + (CBGA x 0.877)

Laboratory Comments: 9R-HHC = 13.19% 9S-HHC = 83.79%

J Hog-

2022-02-15

### Jerry Hogan - Director of Operations

Date

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Testing Accreditation #103051

## **Analytical Report - Certificate of Analysis**



Manifest: 2202100006

**Test Performed:** Hemp Lab Sample Id: 1A-GHEMP-2202100006-0001 Intended Use: Inhaled or Audited Product

Sample Name: MT-2202100006-V1 HHC 6HAPL02221 Report No:

Sample Type: Concentrate Client Id: CID-50134

Receive Date: 2022-02-10 **Test Date:** 2022-02-15 Report Date: 2022-02-15 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:** 

2022-02-15

Jon Person Client Relations Manager

Date

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## **Pesticide Residues Report - Certificate of Analysis**



Manifest: 2202100006

Sample Id: 1A-GHEMP-2202100006-0001

Sample Name: HHC 6HAPL02221 Sample Type: Concentrate Client Id: CID-50134

**Test Performed:** Hemp Lab

Report No: PE-2202100006-V1

Receive Date: 2022-02-10 Test Date: 2022-02-14 Report Date: 2022-02-17 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	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
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:** 

Jon Person Client Relations Manager

2022-02-17

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