



Certificate of Analysis

Mar 11, 2021 | The Helping
Friendly Hemp Co.

Madison Heights, MI, 48071
(515) 724-3758

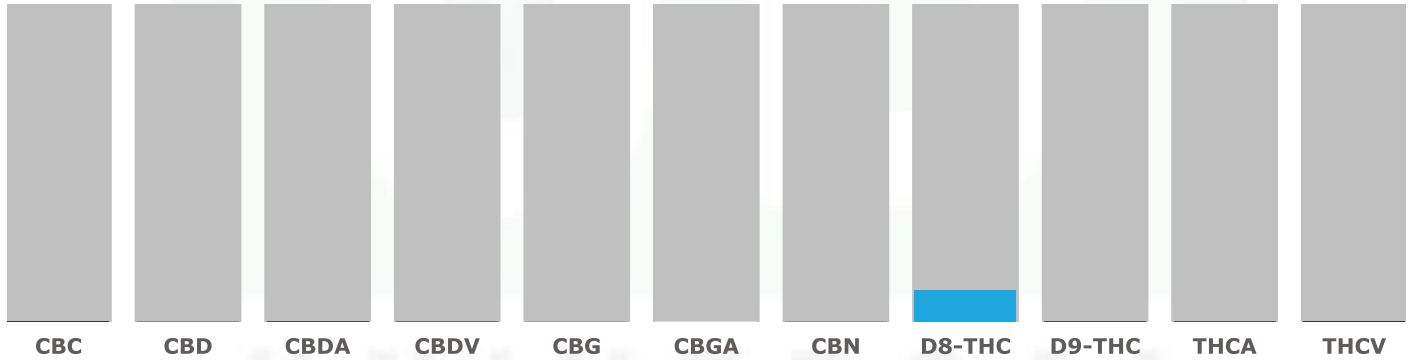


HF Soft Gels 600mg
Matrix: Edible
Accession Number: 030321UD0006
Harvest/Lot ID:
Seed to Sale: *
Batch Date: 03/03/21
Batch #: 20251102001
Sample Size Received: 34 units
Retail Product Size: 34
Ordered: 03/03/21
Completed: 03/11/21
Expires: 03/10/22
Sampling Method: SOP Client Method



CANNABINOID RESULTS

Total THC 0.055% THC/Container :18.7 mg	Total CBD 0.000% CBD/Container :0 mg	Total Cannabinoids 1.797% Cannabinoids/Container :610.98 mg
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CBC	CBD	CBDA	CBDV	CBG	CBGA	CBN	D8-THC	D9-THC	THCA	THCV
ND	ND	ND	ND	0.041%	ND	0.028%	1.673%	0.055%	ND	ND
ND	ND	ND	ND	0.410 mg/g	ND	0.280 mg/g	16.730 mg/g	0.550 mg/g	ND	ND
LOD 0.001	0.0001	0.001	0.001	0.001	0.001	0.001	0.001	0.0001	0.001	0.001

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-PDA). (Method: SOP.KY.02.005) sample prep and Shimadzu High Sensitivity Method SOP.KY.02.012 for analysis. LOQ for all cannabinoids is 1 mg/L. % = %w/w = Percent (Weight of Analyte/Weight Product) Total Cannabinoids result reflects the absolute sum of all cannabinoids detected. **Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation Total THC = THC + (THCa*0.877) Total CBD = CBD + (CBDa*0.877)

Filth & Foreign Matter **PASSED**

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-2B/T Stereo Microscope is use for inspection. SOP.KY.02.11

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David Greene
Lab Director
State License # 19-05-02P

03/11/21

Signature _____ Signed On _____



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Email: Delta8coa@gmail.com



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Table with 12 columns: Pesticides, LLOQ, Result, Units, Action Level, Pass / Fail. Includes a large 'PASSED' watermark and a list of 57 pesticides with their respective results.

Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 57 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.060 Procedure for Pesticide Quantification Using LCMS). **

Table with 12 columns: Mycotoxins, LLOQ, Result, Units, Action Level, Pass / Fail. Includes a large 'PASSED' watermark and a list of 6 mycotoxins with their respective results.

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T40.060 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0ppb). Total Aflatoxins (Aflatoxin B1, B2, G1, G2) must be 20g/Kg. Ochratoxins must be 20g/Kg

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Table with 6 columns: Solvent, LLOQ, Result, Units, Action Level (PPM), Pass/Fail. Row 1: Residual Solvents PASSED. Rows 2-16: 2-Propanol, Acetone, Acetonitrile, Butane, Ethanol, Ethyl Acetate, Ethyl Ether, Heptane, Hexane, Methanol, Pentane, Propane, Toluene, XYLENES, M/P-Xylene, O-Xylene, Total Xylenes.

Table with 6 columns: Metal, LLOQ, Result, Unit, Action Level, Pass/Fail. Row 1: Heavy Metals PASSED. Rows 2-4: Arsenic, Cadmium, Lead, Mercury.

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS. *Action Limits based on Colorado Regulations.

Table with 2 columns: Analyte, Result. Row 1: Microbials PASSED. Rows 2-6: ASPERGILLUS_FLAVUS, ASPERGILLUS_FUMIGATUS, ASPERGILLUS_NIGER, ASPERGILLUS_TERREUS_1J2, ESCHERICHIA_COLI_SHIGELLA_SPP, SALMONELLA_SPECIFIC_GENE.

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

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