



Certificate of Analysis



HF Broad Spectrum Tincture 1000mg - Original
 Matrix: Edible
 Accession Number: 012622UD0008
 Harvest/Lot ID:
 Seed to Sale: *
 Batch Date: 01/24/22
 Batch #: 20033
 Sample Size Received: 30 ml
 Retail Product Size: 30
 Ordered: 01/24/22
 Completed: 02/01/22
 Expires: 01/31/23
 Sampling Method: SOP Client Method

Feb 01, 2022 | The Helping Friendly Hemp Co.



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

CANNABINOID RESULTS

Total THC 0.000% THC/Container :0 mg	Total CBD 2.098% CBD/Container :597.93 mg	Total Cannabinoids 3.799% Cannabinoids/Container :1082.715 mg
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Cannabinoid	Conc. (wt%)	Conc. (mg/g)	LOQ
CBC	0.002	0.020	0.001
CBD	2.098	20.980	0.001
CBDA	ND	ND	0.001
CBDV	ND	ND	0.001
CBG	0.966	9.660	0.001
CBGA	ND	ND	0.001
CBN	0.733	7.330	0.001
D8-THC	ND	ND	0.001
D9-THC	ND	ND	0.001
THCA	ND	ND	0.001
THCV	ND	ND	0.001

Analyzed by	Date	Instrument used	Analysis Method
TW	01/31/2022	Shimadzu HPLC w/ PDA	SOP.KY.02.012

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-PDA). SOP.KY.02.005 for sample prep and SOP.KY.02.012 for analysis. % = %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)

This report shall not be reproduced, unless in its entirety, without written approval from BlueLeaf Laboratory. This report is an BlueLeaf Laboratory certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

Daniel Burriss
 Lab Director
 State License # 19-05-02P
 ISO/IEC 17025:2017

Daniel Burriss

02/01/22



Signature _____ Signed On _____



Certificate of Analysis



HF Broad Spectrum Tincture 1000mg - Orange
 Matrix: Edible
 Accession Number: 012622UD0007
 Harvest/Lot ID:
 Seed to Sale: *
 Batch Date: 01/24/22
 Batch #: 20034
 Sample Size Received: 30 ml
 Retail Product Size: 30
 Ordered: 01/24/22
 Completed: 02/01/22
 Expires: 01/31/23
 Sampling Method: SOP Client Method

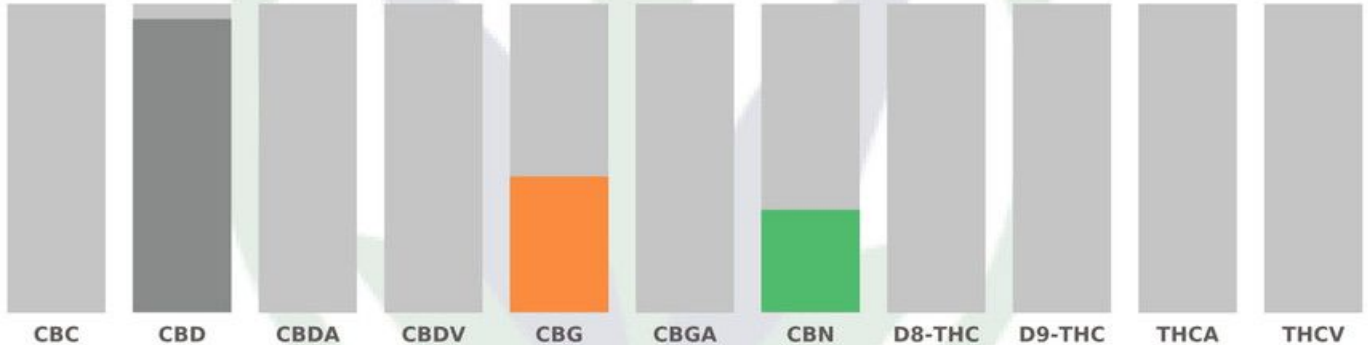
Feb 01, 2022 | The Helping Friendly Hemp Co.



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CANNABINOID RESULTS

Total THC 0.000% THC/Container :0 mg	Total CBD 1.906% CBD/Container :571.8 mg	Total Cannabinoids 3.452% Cannabinoids/Container :1035.6 mg
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Cannabinoid	Conc. (wt%)	Conc. (mg/g)	LOQ
CBC	ND	ND	0.001
CBD	1.906	19.060	0.001
CBDA	ND	ND	0.001
CBDV	ND	ND	0.001
CBG	0.881	8.810	0.001
CBGA	ND	ND	0.001
CBN	0.665	6.650	0.001
D8-THC	ND	ND	0.001
D9-THC	ND	ND	0.001
THCA	ND	ND	0.001
THCv	ND	ND	0.001

Analyzed by	Date	Instrument used	Analysis Method
TW	01/31/2022	Shimadzu HPLC w/ PDA	SOP.KY.02.012

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-PDA). SOP.KY.02.005 for sample prep and SOP.KY.02.012 for analysis. % = %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)

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