

## USDA Certified Organic FBH CBD Drops FD

Lab ID: 2111128-02

**ACT 1 ESSENTIALS**

330-1045887IHH

Harvest / Process Lot: FBH.19.SS92819.SHHW.20.L19.500units

METRC Batch ID: FBH.19.SS92819.SHHW.20.L19.500units

METRC Sample Tag: FBH.19.SS92819.SHHW.20.L19.1oz

Date Sampled: 11/12/21

Date Printed: 11/18/21

### Potency Analysis

Analytical Method: De Backer, Journal of Chromatography b.2009. 11.004 -  
SOP 102 - Cannabinoids via High Performance Liquid Chromatography

Cannabinoids	mg/30g unit	LOQ
THCA	4.22	2.21
delta 9-THC	14.4	2.78
delta 8-THC	< LOQ	3.32
CBDA	394	2.39
CBDVA	< LOQ	3.32
CBGA	6.09	2.51
CBD	185	3.02
CBDV	< LOQ	3.32
CBG	4.58	3.32
CBN	< LOQ	3.02
Total CBG	9.92	2.51
Total Cannabinoids	558	2.21

**Total THC**  
**0.0603 %**

**Total CBD**  
**530 mg/30g unit**

<LOQ - Results below the Limit of Quantitation

Acid form of THC/CBD are decarboxylated by heat, lose 12% of original mass as CO<sub>2</sub>. Result = "bioactive"

"Total" Cannabinoid accounts for decarboxylation and moisture content. Total THC =  $[(THCA \times 0.877) + \Delta 9THC] / (100\% - MC)$



**Erik Werstler**  
Lab Director

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Laboratory ID: 2111128-02

### Quality Control Potency

Batch: B21K075 - Potency

#### Blank(B21K075-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	2.20	mg/30g unit		11/15/21 22:14	11/16/21 00:59	
delta 9-THC	< LOQ	2.77	mg/30g unit		11/15/21 22:14	11/16/21 00:59	
CBGA	< LOQ	2.50	mg/30g unit		11/15/21 22:14	11/16/21 00:59	
CBDA	< LOQ	2.38	mg/30g unit		11/15/21 22:14	11/16/21 00:59	
CBD	< LOQ	3.00	mg/30g unit		11/15/21 22:14	11/16/21 00:59	
CBN	< LOQ	3.00	mg/30g unit		11/15/21 22:14	11/16/21 00:59	
CBG	< LOQ	3.30	mg/30g unit		11/15/21 22:14	11/16/21 00:59	
delta 8-THC	< LOQ	3.30	mg/30g unit		11/15/21 22:14	11/16/21 00:59	
CBDVA	< LOQ	3.30	mg/30g unit		11/15/21 22:14	11/16/21 00:59	
CBDV	< LOQ	3.30	mg/30g unit		11/15/21 22:14	11/16/21 00:59	

#### LCS(B21K075-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	104	2.26	mg/30g unit	85-115	11/15/21 22:14	11/16/21 01:14	
delta 9-THC	101	2.84	mg/30g unit	85-115	11/15/21 22:14	11/16/21 01:14	
CBDA	102	2.44	mg/30g unit	85-115	11/15/21 22:14	11/16/21 01:14	
CBD	102	3.08	mg/30g unit	85-115	11/15/21 22:14	11/16/21 01:14	

#### Notes and Definitions

- B Analyte detected in method blank, but not associated samples.
  - B2 Analyte detected in sample and associate method blank.
  - C Interference due to co-elution.
  - D Initial result exceeded calibration range, reported data are based on analysis of a dilution.
  - H Non-homogenous sample matrix affecting RPD and/or QC.
  - I Manual Integration was performed.
  - L Duplicate sample relative percent difference (RPD) exceeds QC limits.
  - M Anomalous results due to matrix interference
  - P Peaks manually split.
  - Q1 QC out of limits but still ok
  - Q2 Quality Control outside QC limits. Data considered estimate.
  - Q3 CCV was above the acceptance criteria. Non-detect samples are considered acceptable.
  - Q4 CCV was below the acceptance criteria, however the sample still exceeds the regulatory limit.
  - R Marginal Exceedence.
  - U Reported result is an estimate. The analyte was detected above the calibration range.
  - X Problems with initial analysis, reported data are from reinjection of prepared sample.
- <LOQ - Results below the Limit of Quantitation - Compound not detected



Erik Werstler  
Lab Director