

FBH CBD Drops SHHW.20.L20

Lab ID: 2101020-01 & 2101020-02

ACT 1 ESSENTIALS

330-1045887IHH

Harvest / Process Lot:

METRC Batch ID: SHHW.20.L20

METRC Sample Tag: SHHW.20.L20

Date Sampled: 01/06/21

Date Printed: 08/20/21

This is an official amended report.

Original report printed 01/11/2021 - Report amended upon client's request to display results in adjusted units (% and mg/unit instead of mg/g).

Potency Analysis

Analytical Method: De Backer, Journal of Chromatography b.2009. 11.004 -

Cannabinoids	mg/2oz unit	LOQ
THCA	10.3	4.48
delta 9-THC	28.9	4.48
delta 8-THC	<LOQ	4.48
CBGA	<LOQ	4.48
CBDA	744	4.48
CBD	406	4.48
CBN	<LOQ	4.48
CBG	<LOQ	4.48
CBC	14.6	4.48
Total CBG	<LOQ	4.48
Total Cannabinoids	1,116	4.48

Total THC

0.0632 %

THC RPD: 2.53%

Total CBD

1,056 mg per 2oz unit

CBD RPD: 0.567%

<LOQ - Results below the Limit of Quantitation

Acid form of THC/CBD are decarboxylated by heat, lose 12% of original mass as CO2. Result = *bioactive*

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



Erik Werstler
Lab Director

FBH CBD Drops SHHW.20.L20

Lab ID: 2101020-01

ACT 1 ESSENTIALS

330-1045887IHH

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METRC Batch ID: SHHW.20.L20

METRC Sample Tag: SHHW.20.L20

Date Sampled: 01/06/21

Date Printed: 08/20/21

Potency Analysis

Analytical Method: De Backer, Journal of Chromatography b.2009. 11.004 - SOP 102

Cannabinoids	mg/2oz unit	LOQ
THCA	10.2	4.47
delta 9-THC	28.4	4.47
delta 8-THC	< LOQ	4.47
CBGA	< LOQ	4.47
CBDA	744	4.47
CBD	404	4.47
CBN	< LOQ	4.47
CBG	< LOQ	4.47
CBC	14.5	4.47
Total CBG	< LOQ	4.47
Total Cannabinoids	1,110	4.47

Total THC
0.0624 %

Total CBD
1,056 mg per 2oz unit

<LOQ - Results below the Limit of Quantitation

Acid form of THC/CBD are decarboxylated by heat, lose 12% of original mass as CO₂. Result = *bioactive*

"Total" Cannabinoid accounts for decarboxylation and moisture content. Total THC = [(THCA×0.877) + Δ9THC] / (100%-MC)



Erik Werstler
Lab Director

FBH CBD Drops SHHW.20.L20

ACT 1 ESSENTIALS

330-1045887IHH

Laboratory ID: 2101020-01

Quality Control Potency

Batch: B21A016 - Potency

Blank(B21A016-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0743	mg/g		01/06/21 18:46	01/06/21 20:51	
delta 9-THC	< LOQ	0.0743	mg/g		01/06/21 18:46	01/06/21 20:51	
CBGA	< LOQ	0.0743	mg/g		01/06/21 18:46	01/06/21 20:51	
CBDA	< LOQ	0.0743	mg/g		01/06/21 18:46	01/06/21 20:51	
CBD	< LOQ	0.0743	mg/g		01/06/21 18:46	01/06/21 20:51	
CBN	< LOQ	0.0743	mg/g		01/06/21 18:46	01/06/21 20:51	
CBG	< LOQ	0.0743	mg/g		01/06/21 18:46	01/06/21 20:51	
delta 8-THC	< LOQ	0.0743	mg/g		01/06/21 18:46	01/06/21 20:51	
CBC	< LOQ	0.0743	mg/g		01/06/21 18:46	01/06/21 20:51	

LCS(B21A016-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	103	0.0748	mg/g	85-115	01/06/21 18:46	01/06/21 21:01	
delta 9-THC	103	0.0748	mg/g	85-115	01/06/21 18:46	01/06/21 21:01	
CBDA	119	0.0748	mg/g	85-115	01/06/21 18:46	01/06/21 21:01	Q1
CBD	116	0.0748	mg/g	85-115	01/06/21 18:46	01/06/21 21:01	Q1

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