

Whole Circle Farms CBD Tincture FD

Lab ID: 2402030-02

ACT 1 ESSENTIALS 330-1045887IHH

Harvest / Process Lot: FBH.2019.SU.SHHW.22.L32

METRC Batch ID:

METRC Sample Tag: FBH.2019.SU.SHHW.22.L32

Date Sampled: 02/05/24

Date Printed: 04/08/24

This is an official amended report.

Original report printed 02/12/24 - Report amended at the clients request to correct the Sample Name.

Potency Analysis

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

Cannabinoids	mg/60g unit	LOQ	Notes
THCA	7.77	2.99	
delta 9-THC	107	2.99	
delta 8-THC	< LOQ	2.99	
CBDA	961	4.49	
CBDVA	6.36	2.99	
CBGA	31.1	2.99	
CBD	2,140	2.99	
CBDV	13.1	2.99	
CBG	34.9	2.99	
CBN	7.73	2.99	
CBC	68.7	2.99	
Total CBG	62.2	2.99	
Total Cannabinoids	3,260	2.99	

Total THC
0.189 %

Total CBD
2,990 mg/60g unit

Results that fail state testing requirements will be highlighted **Red**.

<LOQ - Results below the Limit of Quantitation

ORELAP accredited cannabinoid analytes include only CBDA, CBD, THCA, delta-9-THC, and delta-8-THC.

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)**

Chris Griffey
Lab Director



Sample tested in compliance with OAR 333-007 (TNI standards). Test results meet all requirements of NELAP and the Rose City Laboratories quality assurance plan unless otherwise noted. Samplings performed by RCL personnel follow sampling SOP 30. Samples not collected by RCL personnel are analyzed in "as received" condition. These results relate only to the sample(s) included on this report. The report may not be reproduced except in full, without the written permission of Rose City Labs. Unless otherwise indicated, all analytes included on this report are accredited by ORELAP.

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Quality Control Potency

Batch: B24B046 - Potency
Blank(B24B046-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	3.00	mg/60g unit		02/06/24 16:22	02/07/24 01:35	
delta 9-THC	< LOQ	3.00	mg/60g unit		02/06/24 16:22	02/07/24 01:35	
CBGA	< LOQ	3.00	mg/60g unit		02/06/24 16:22	02/07/24 01:35	
CBDA	< LOQ	4.50	mg/60g unit		02/06/24 16:22	02/07/24 01:35	
CBD	< LOQ	3.00	mg/60g unit		02/06/24 16:22	02/07/24 01:35	
CBN	< LOQ	3.00	mg/60g unit		02/06/24 16:22	02/07/24 01:35	
CBG	< LOQ	3.00	mg/60g unit		02/06/24 16:22	02/07/24 01:35	
delta 8-THC	< LOQ	3.00	mg/60g unit		02/06/24 16:22	02/07/24 01:35	
CBC	< LOQ	3.00	mg/60g unit		02/06/24 16:22	02/07/24 01:35	
Total CBG	< LOQ	3.00	mg/60g unit		02/06/24 16:22	02/07/24 01:35	
CBDVA	< LOQ	3.00	mg/60g unit		02/06/24 16:22	02/07/24 01:35	
CBDV	< LOQ	3.00	mg/60g unit		02/06/24 16:22	02/07/24 01:35	

LCS(B24B046-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	101	3.08	mg/60g unit	90-110	02/06/24 16:22	02/07/24 01:51	
delta 9-THC	110	3.08	mg/60g unit	90-110	02/06/24 16:22	02/07/24 01:51	
CBDA	104	4.61	mg/60g unit	90-110	02/06/24 16:22	02/07/24 01:51	
CBD	105	3.08	mg/60g unit	90-110	02/06/24 16:22	02/07/24 01:51	
delta 8-THC	105	3.08	mg/60g unit	90-110	02/06/24 16:22	02/07/24 01:51	

 Chris Griffey
 Lab Director



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Analytical Test Report

Science First. OLCC#: 010-1002112892C ODA: AG-L1040657A
 ORELAP ID: 4096
 7200 Johnson Creek Blvd., Portland, OR 97206 (503) 307-0096

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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

Chris Griffey
 Lab Director

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