

Forbidden CBDV

Lab ID: 2310096-05

Whole Circle Farms

Harvest / Process Lot: WCF-2023-For-001

METRC Batch ID:

Date Sampled: 10/17/23

Date Printed: 10/24/23

Report cannot be used for OLCC/OHA compliance.

Potency Analysis

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

Cannabinoids	(%)	Moisture Adjusted	LOQ	Notes
THCA	< LOQ	< LOQ	0.0547	
delta 9-THC	0.192	0.213	0.0547	
delta 8-THC	< LOQ	< LOQ	0.0547	
CBDA	3.45	3.81	0.0821	
CBDVA	2.26	2.49	0.0547	
CBGA	0.220	0.243	0.0547	
CBD	3.00	3.32	0.0547	
CBDV	1.92	2.12	0.0547	
CBG	0.182	0.201	0.0547	
CBN	< LOQ	< LOQ	0.0547	
CBC	0.216	0.239	0.0547	
Total CBG	0.374	0.414	0.0547	
Total Cannabinoids	10.7	11.8	0.0547	

Total THC
0.213 %

Total CBD
6.66 %

<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)**

Moisture

Analysis Method/SOP: SOP 7

Moisture: 9.51 %

 **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: B23J135 - Potency

Blank(B23J135-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0500	%		10/19/23 09:21	10/19/23 23:28	
delta 9-THC	< LOQ	0.0500	%		10/19/23 09:21	10/19/23 23:28	
CBGA	< LOQ	0.0500	%		10/19/23 09:21	10/19/23 23:28	
CBDA	< LOQ	0.0750	%		10/19/23 09:21	10/19/23 23:28	
CBD	< LOQ	0.0500	%		10/19/23 09:21	10/19/23 23:28	
CBN	< LOQ	0.0500	%		10/19/23 09:21	10/19/23 23:28	
CBG	< LOQ	0.0500	%		10/19/23 09:21	10/19/23 23:28	
delta 8-THC	< LOQ	0.0500	%		10/19/23 09:21	10/19/23 23:28	
CBC	< LOQ	0.0500	%		10/19/23 09:21	10/19/23 23:28	
Total CBG	< LOQ	0.0500	%		10/19/23 09:21	10/19/23 23:28	
CBDVA	< LOQ	0.0500	%		10/19/23 09:21	10/19/23 23:28	
CBDV	< LOQ	0.0500	%		10/19/23 09:21	10/19/23 23:28	

LCS(B23J135-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	97.9	0.0525	%	90-110	10/19/23 09:21	10/19/23 23:44	
delta 9-THC	105	0.0525	%	90-110	10/19/23 09:21	10/19/23 23:44	
CBDA	97.1	0.0787	%	90-110	10/19/23 09:21	10/19/23 23:44	
CBD	105	0.0525	%	90-110	10/19/23 09:21	10/19/23 23:44	
delta 8-THC	105	0.0525	%	90-110	10/19/23 09:21	10/19/23 23:44	


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 Lab Director

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Quality Control Moisture Content

Batch: B23J173 - Moisture Content

Blank(B23J173-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	0.200	0.00	%		10/24/23 09:44	10/24/23 09:44	

LCS(B23J173-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	109	0.00	%	80-120	10/24/23 09:44	10/24/23 09:44	

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