

Pine Walker CBDV

Lab ID: 2310096-03

Whole Circle Farms

Harvest / Process Lot: WCF-2023-PW-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	0.0513	0.0566	0.0546	
delta 9-THC	0.167	0.184	0.0546	
delta 8-THC	< LOQ	< LOQ	0.0546	
CBDA	3.79	4.18	0.0819	
CBDVA	3.01	3.32	0.0546	
CBGA	0.267	0.295	0.0546	
CBD	1.98	2.18	0.0546	
CBDV	1.59	1.76	0.0546	
CBG	0.165	0.182	0.0546	
CBN	< LOQ	< LOQ	0.0546	
CBC	0.169	0.187	0.0546	
Total CBG	0.399	0.440	0.0546	
Total Cannabinoids	10.3	11.4	0.0546	

Total THC
0.233 %

Total
Cannabinoids
11.4%

<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: 9.34 %


Chris Griffey
 Lab Director

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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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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