



12423 NE Whitaker Way
 Portland, OR 97230
 503-254-1794



Report Number: 22-009576/D002.R000
Report Date: 08/16/2022
ORELAP#: OR100028
Purchase Order:
Received: 08/10/22 12:00

Customer: Mission Farms CBD
Product identity: Distillate Lot #0822
Client/Metric ID: .
Laboratory ID: 22-009576-0001

Summary

Potency:

Analyte	Result	Limits	Units	Status
CBC	0.639		%	
CBD	83.5		%	
CBDV	0.370		%	
CBE	1.02		%	
CBG	1.13		%	
CBN	0.232		%	
CBT	1.44		%	
Δ9-THC	0.970		%	
Analyte per 1g	Result	Limits	Units	Status
CBC per 1g	6.39		mg/1g	
CBD per 1g	835		mg/1g	
CBDV per 1g	3.70		mg/1g	
CBE per 1g	10.2		mg/1g	
CBG per 1g	11.3		mg/1g	
CBN per 1g	2.32		mg/1g	
CBT per 1g	14.4		mg/1g	
Δ9-THC per 1g	9.70		mg/1g	

CBD-Total per Serving Size 835 mg/1g

THC-Total per Serving Size 9.70 mg/1g

(Reported in milligrams per serving)



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Customer: Mission Farms CBD
1001 SW Disk DR #250
Bend Oregon 97702
United States of America (USA)

Product identity: Distillate Lot #0822

Client/Metric ID: .

Sample Date:

Laboratory ID: 22-009576-0001

Evidence of Cooling: No

Temp: 25 °C

Relinquished by: UPS

Serving Size #1: 1 g

Sample Results

Potency	Method: J AOAC 2015 V98-6 (mod) ^b	Units %	Batch: 2206869	Analyze: 8/12/22 11:04:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC	0.639		%	0.0746	
CBC-A	< LOQ		%	0.0746	
CBC-Total	0.639		%	0.140	
CBD	83.5		%	0.746	
CBD-A	< LOQ		%	0.0746	
CBD-Total	83.5		%	0.812	
CBDV	0.370		%	0.0746	
CBDV-A	< LOQ		%	0.0746	
CBDV-Total	0.370		%	0.139	
CBE	1.02		%	0.0746	
CBG	1.13		%	0.0746	
CBG-A	< LOQ		%	0.0746	
CBG-Total	1.13		%	0.139	
CBL	< LOQ		%	0.0746	
CBL-A	< LOQ		%	0.0746	
CBL-Total	< LOQ		%	0.140	
CBN	0.232		%	0.0746	
CBT	1.44		%	0.0746	
Δ8-THCV	< LOQ		%	0.0746	
Δ8-THC	< LOQ		%	0.0746	
Δ9-THC	0.970		%	0.0746	
exo-THC	< LOQ		%	0.0746	
THC-A	< LOQ		%	0.0746	
THC-Total	0.970		%	0.140	
THCV	< LOQ		%	0.0746	
THCV-A	< LOQ		%	0.0746	
THCV-Total	< LOQ		%	0.139	
Total Cannabinoids	89.3		%		



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Potency per 1g **Method:** J AOAC 2015 V98-6 (mod)^b **Units** mg/se **Batch:** 2206869 **Analyze:** 8/12/22 11:04:00 PM

Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1g	6.39		mg/1g	0.746	
CBC-A per 1g	< LOQ		mg/1g	0.746	
CBC-Total per 1g	6.39		mg/1g	1.40	
CBD per 1g	835		mg/1g	7.46	
CBD-A per 1g	< LOQ		mg/1g	0.746	
CBD-Total per 1g	835		mg/1g	8.12	
CBDV per 1g	3.70		mg/1g	0.746	
CBDV-A per 1g	< LOQ		mg/1g	0.746	
CBDV-Total per 1g	3.70		mg/1g	1.39	
CBE per 1g	10.2		mg/1g	0.746	
CBG per 1g	11.3		mg/1g	0.746	
CBG-A per 1g	< LOQ		mg/1g	0.746	
CBG-Total per 1g	11.3		mg/1g	1.39	
CBL per 1g	< LOQ		mg/1g	0.746	
CBL-A per 1g	< LOQ		mg/1g	0.746	
CBL-Total per 1g	< LOQ		mg/1g	1.40	
CBN per 1g	2.32		mg/1g	0.746	
CBT per 1g	14.4		mg/1g	0.746	
Δ8-THCV per 1g	< LOQ		mg/1g	0.746	
Δ8-THC per 1g	< LOQ		mg/1g	0.746	
Δ9-THC per 1g	9.70		mg/1g	0.746	
exo-THC per 1g	< LOQ		mg/1g	0.746	
THC-A per 1g	< LOQ		mg/1g	0.746	
THC-Total per 1g	9.70		mg/1g	1.40	
THCV per 1g	< LOQ		mg/1g	0.746	
THCV-A per 1g	< LOQ		mg/1g	0.746	
THCV-Total per 1g	< LOQ		mg/1g	1.40	
Total Cannabinoids per 1g	893		mg/1g		



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These test results are representative of the individual sample selected and submitted by the client.

Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

^p = ISO/IEC 17025:2017 accredited method.

Units of Measure

- g = g
- mg/1g = Milligram per 1g
- % = Percentage of sample
- % wt = $\mu\text{g/g}$ divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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Hemp & Cannabis: Usable / Extract / Finished Product

Chain of Custody Record
 ORELAPID: OR100028 ANABISO 17025 ID: AT-1508

Document Control ID: 2832 Revision: 5
 Effective: 01/04/2022

Company: MissionFarmsCBD Contact: BenJoyce Address: 60857YellowLeafStreet City: Bend State: OR Zip Code: _____ 4 Email Results: _____ 4 Ph: (925) - _____ Billing Contact (if different) Name: _____ Email: _____ Address: _____ City: _____ State: _____ Zip: _____ Ph: () - _____			Analysis Requested						PONumber: _____ Project ID: _____ Batch ID: _____ Sampled by: _____ Custom Reporting: _____ Source Material: - Ind Hemp product - Rec Cannabis Reporting Type: - Compliance - R&D Report to: - METRC - ODA - USDA - Other: _____ Turnaround time (TAT - Business Days): ■ - 5BD - 3BD - 2BD *Check for availability		
LabID	Client Sample Identification	Sample date						Material Type †	Weight (Units)	Comments/Metric ID	
	DistillateLot#0822		4							Please report in mg/g and mg/unit weight and include batch # for each sample	
Signature-Relinquished By: Andrew Bardwil Date: 08/09/22 Time: 1305			Signature-Received By: AE Date: 8/10/22 Time: 1200			Lab Use Only: Shipped Via: _____ for Client drop off Evidence of coding: Yes No - Temp (C) 25 _____ Sample in good condition: Yes No _____ Payment: Cash Check CC Net: _____ Prelog storage: _____					

† - Material Type Codes: Plant Material (P) ; Isolate (I) ; Concentrate/Extract (C) ; Tincture/Topical (T) ; Edible (E) ; Beverage (B) ; Vapor Product (V)

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the [current terms of service](#) associated with this COC. By signing "Relinquished by" you are agreeing to these terms
 12423 NE Whitaker Way
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 P: (503) 254-1794 Fax: (503) 254-1452
info@cumbialaboratories.com
 Page _____ of _____
www.cumbialaboratories.com



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Report Date: 08/16/2022
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Purchase Order:
Received: 08/10/22 12:00

Revision: 1 Document ID: 7148
Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

JAOAC2015 V98-6									
Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	1	0.103	0.100	%	103	80.0	- 120	Acceptable	
CBDV	1	0.114	0.100	%	114	80.0	- 120	Acceptable	
CBE	1	0.103	0.100	%	103	80.0	- 120	Acceptable	
CBDA	1	0.101	0.100	%	101	90.0	- 110	Acceptable	
CBGA	1	0.0999	0.100	%	99.9	80.0	- 120	Acceptable	
CBG	1	0.105	0.100	%	105	80.0	- 120	Acceptable	
CBD	1	0.105	0.100	%	105	90.0	- 110	Acceptable	
THCV	1	0.102	0.100	%	102	80.0	- 120	Acceptable	
d8THCV	1	0.103	0.100	%	103	80.0	- 120	Acceptable	
THCVA	1	0.101	0.100	%	101	80.0	- 120	Acceptable	
CBN	1	0.105	0.100	%	105	90.0	- 110	Acceptable	
exo-THC	1	0.0996	0.100	%	99.6	80.0	- 120	Acceptable	
d9THC	1	0.109	0.100	%	109	90.0	- 110	Acceptable	
d8THC	1	0.0983	0.100	%	98.3	90.0	- 110	Acceptable	
CBL	1	0.0931	0.100	%	93.1	80.0	- 120	Acceptable	
CBC	1	0.102	0.100	%	102	80.0	- 120	Acceptable	
THCA	1	0.0970	0.100	%	97.0	90.0	- 110	Acceptable	
CBCA	1	0.105	0.100	%	105	80.0	- 120	Acceptable	
CBLA	1	0.108	0.100	%	108	80.0	- 120	Acceptable	
CBT	1	0.0944	0.100	%	94.4	80.0	- 120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBDV	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBE	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBDA	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBGA	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBG	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBD	<LOQ	0.0077	%	< 0.0077	Acceptable	
THCV	<LOQ	0.0077	%	< 0.0077	Acceptable	
d8THCV	<LOQ	0.0077	%	< 0.0077	Acceptable	
THCVA	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBN	<LOQ	0.0077	%	< 0.0077	Acceptable	
exo-THC	<LOQ	0.0077	%	< 0.0077	Acceptable	
d9THC	<LOQ	0.0077	%	< 0.0077	Acceptable	
d8THC	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBL	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBC	<LOQ	0.0077	%	< 0.0077	Acceptable	
THCA	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBCA	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBLA	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBT	<LOQ	0.0077	%	< 0.0077	Acceptable	

Abbreviations

ND - None Detected at or above MRL
RPD - Relative Percent Difference
LOQ - Limit of Quantitation

Units of Measure:

% - Percent



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Revision: 1 Document ID: 7148
 Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

JAOAC2015 V98-6		Batch ID: 2206869						
Sample Duplicate		Sample ID: 22-009177-0001-01						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBDV	0.520	0.513	0.077	%	1.31	< 20	Acceptable	
CBE	3.28	3.25	0.077	%	0.723	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBD	30.8	30.2	0.077	%	1.94	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBN	16.4	16.4	0.077	%	0.0975	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBC	4.84	4.81	0.077	%	0.620	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBT	8.18	8.12	0.077	%	0.833	< 20	Acceptable	

Abbreviations

ND - None Detected at or above MRL
 RPD - Relative Percent Difference
 LOQ - Limit of Quantitation

Units of Measure:

% - Percent



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Explanation of QC Flag Comments:

Code	Explanation
Q	Matrix interferences affecting spike or surrogate recoveries.
Q1	Quality control result biased high. Only non-detect samples reported.
Q2	Quality control outside QC limits. Data considered estimate.
Q3	Sample concentration greater than four times the amount spiked.
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.
Q5	Spike results above calibration curve.
Q6	Quality control outside QC limits. Data acceptable based on remaining QC.
R	Relative percent difference (RPD) outside control limit.
R1	RPD non-calculable, as sample or duplicate results are less than five times the LOQ.
R2	Sample replicates RPD non-calculable, as only one replicate is within the analytical range.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitation level raised due to matrix interference.
B	Analyte detected in method blank, but not in associated samples.
B1	The sample concentration is greater than 5 times the blank concentration.
B2	The sample concentration is less than 5 times the blank concentration.