



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



**Report Number:** 23-000244/D002.R000  
**Report Date:** 01/12/2023  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 01/06/23 10:41

**Customer:** Mission Farms CBD  
**Product identity:** Full Spectrum Max REST 2000mg Oil Lot: 230104-DN-MF5  
**Project Number:** LOT: 230104-DN-MF5  
**Client/Metric ID:** .  
**Laboratory ID:** 23-000244-0001

### Summary

**Potency:**

Analyte per 1g	Result	Limits	Units	Status	
CBC per 1g	1.91		mg/1g		CBD-Total per Serving Size 51.8 mg/1g
CBD per 1g	45.9		mg/1g		
CBD-A per 1g	6.73		mg/1g		THC-Total per Serving Size 1.24 mg/1g
CBDV per 1g	0.404		mg/1g		
CBDV-A per 1g	0.0977		mg/1g		CBD-Total per Serving Size 1500 mg/29g
CBG per 1g	0.704		mg/1g		
CBG-A per 1g	0.0570		mg/1g		
CBL per 1g	0.146		mg/1g		THC-Total per Serving Size 36.0 mg/29g
CBN per 1g	14.2		mg/1g		
CBT per 1g	1.13		mg/1g		
Δ9-THC per 1g	1.24		mg/1g		(Reported in milligrams per serving)
Analyte per 29g	Result	Limits	Units	Status	
CBC per 29g	55.4		mg/29g		
CBD per 29g	1330		mg/29g		
CBD-A per 29g	195		mg/29g		
CBDV per 29g	11.7		mg/29g		
CBDV-A per 29g	2.83		mg/29g		
CBG per 29g	20.4		mg/29g		
CBG-A per 29g	1.65		mg/29g		
CBL per 29g	4.23		mg/29g		
CBN per 29g	412		mg/29g		
CBT per 29g	32.8		mg/29g		
Δ9-THC per 29g	36.0		mg/29g		



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

**Product identity:** Full Spectrum Max REST 2000mg Oil Lot: 230104-DN-MF5

**Project Number:** LOT: 230104-DN-MF5

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 23-000244-0001

**Evidence of Cooling:** No

**Temp:** 17.9

**Relinquished by:** ups

**Serving Size #2:** 29 g

**Serving Size #1:** 1 g

### Sample Results

Potency per 1g					
Method: J AOAC 2015 V98-6 (mod) <sup>b</sup>		Units mg/se		Batch: 2300373	
				Analyze: 1/11/23 10:15:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1g	1.91		mg/1g	0.0325	
CBC-A per 1g	< LOQ		mg/1g	0.0325	
CBC-Total per 1g	1.91		mg/1g	0.0611	
CBD per 1g	45.9		mg/1g	0.325	
CBD-A per 1g	6.73		mg/1g	0.0325	
CBD-Total per 1g	51.8		mg/1g	0.354	
CBDV per 1g	0.404		mg/1g	0.0325	
CBDV-A per 1g	0.0977		mg/1g	0.0325	
CBDV-Total per 1g	0.489		mg/1g	0.0607	
CBE per 1g	< LOQ		mg/1g	0.0325	
CBG per 1g	0.704		mg/1g	0.0325	
CBG-A per 1g	0.0570		mg/1g	0.0325	
CBG-Total per 1g	0.753		mg/1g	0.0607	
CBL per 1g	0.146		mg/1g	0.0325	
CBL-A per 1g	< LOQ		mg/1g	0.0325	
CBL-Total per 1g	0.146		mg/1g	0.0611	
CBN per 1g	14.2		mg/1g	0.325	
CBT per 1g	1.13		mg/1g	0.0325	
Δ8-THCV per 1g	< LOQ		mg/1g	0.0325	
Δ10-THC per 1g	< LOQ		mg/1g	0.0325	
Δ8-THC per 1g	< LOQ		mg/1g	0.0325	
Δ9-THC per 1g	1.24		mg/1g	0.0325	
exo-THC per 1g	< LOQ		mg/1g	0.0325	
THC-A per 1g	< LOQ		mg/1g	0.0325	
THC-Total per 1g	1.24		mg/1g	0.0611	
THCV per 1g	< LOQ		mg/1g	0.0325	
THCV-A per 1g	< LOQ		mg/1g	0.0325	
THCV-Total per 1g	< LOQ		mg/1g	0.0611	



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Potency per 1g      **Method:** J AOAC 2015 V98-6 (mod)<sup>b</sup>      **Units** mg/se **Batch:** 2300373      **Analyze:** 1/11/23 10:15:00 PM

Analyte	Result	Limits	Units	LOQ	Notes
Total Cannabinoids per 1g	72.5		mg/1g		

Potency per 29g      **Method:** J AOAC 2015 V98-6 (mod)<sup>b</sup>      **Units** mg/se **Batch:** 2300373      **Analyze:** 1/11/23 10:15:00 PM

Analyte	Result	Limits	Units	LOQ	Notes
CBC per 29g	55.4		mg/29g	0.944	
CBC-A per 29g	< LOQ		mg/29g	0.944	
CBC-Total per 29g	55.4		mg/29g	1.77	
CBD per 29g	1330		mg/29g	9.44	
CBD-A per 29g	195		mg/29g	0.944	
CBD-Total per 29g	1500		mg/29g	10.3	
CBDV per 29g	11.7		mg/29g	0.944	
CBDV-A per 29g	2.83		mg/29g	0.944	
CBDV-Total per 29g	14.2		mg/29g	1.76	
CBE per 29g	< LOQ		mg/29g	0.944	
CBG per 29g	20.4		mg/29g	0.944	
CBG-A per 29g	1.65		mg/29g	0.944	
CBG-Total per 29g	21.8		mg/29g	1.76	
CBL per 29g	4.23		mg/29g	0.944	
CBL-A per 29g	< LOQ		mg/29g	0.944	
CBL-Total per 29g	4.23		mg/29g	1.77	
CBN per 29g	412		mg/29g	9.44	
CBT per 29g	32.8		mg/29g	0.944	
Δ8-THCV per 29g	< LOQ		mg/29g	0.944	
Δ10-THC per 29g	< LOQ		mg/29g	0.944	
Δ8-THC per 29g	< LOQ		mg/29g	0.944	
Δ9-THC per 29g	36.0		mg/29g	0.944	
exo-THC per 29g	< LOQ		mg/29g	0.944	
THC-A per 29g	< LOQ		mg/29g	0.944	
THC-Total per 29g	36.0		mg/29g	1.77	
THCV per 29g	< LOQ		mg/29g	0.944	
THCV-A per 29g	< LOQ		mg/29g	0.944	
THCV-Total per 29g	< LOQ		mg/29g	1.77	
Total Cannabinoids per 29g	2100		mg/29g		

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**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.

<sup>p</sup> = ISO/IEC 17025:2017 accredited method.

**Units of Measure**

g = g  
mg/1g = Milligram per 1g  
mg/29g = Milligram per 29g  
% = 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 / Ext**  
**Chain of Custody**  
ORELAP ID: OR100028 ANAB ISC

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

**Company:** Mission Farms CBD  
**Contact:** Ben Joyce  
**Address:** 60857 Yellow Leaf Street  
**City:** Bend **State:** OR **Zip Code:** 97702  
 **Email Results:** ben@missionfarmscbd.com  
 **Ph:** (925) - 759-9555  
*Billing Contact (if different)*  
**Name:** Jen Simon **Email:** jen@missionfarmscbd.com  
**Address:** 60857 Yellow Leaf Street  
**City:** Bend **State:** OR **Zip:** 97702  
**Ph:** (970) - 4850759

23-000244  
  
Mission Farms CBD

**PO Number:**  
**Project ID:** Rest Full Spectrum Max 2000mg  
**Batch ID:** LOT: 230104-DN-MF5  
**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*

Lab ID	Client Sample Identification	Sample date	Potency (Basic+Expanded) H0010	Material Type †	Weight (Units)	Comments/Metric ID
	Full Spectrum Max REST 2000mg Oil	1.5.23	✓	29g		Please report in mg/g and mg/unit weight and include batch # The specific Target measurements are as follows for Rest 2000mg FSMAX Oil 1400mg CBD 400mg CBN 200mg CBDa Unit weight is 29g
	LOT: 230104-DN-MF5					

Signature - Relinquished By:	Date	Time	Signature - Received By:	Date	Time	Lab Use Only:
<i>Kate Riley</i>	1.5.23	2:36 PM	<i>DS</i>	1/12/23	10:41	<input type="checkbox"/> Shipped Via: <u>UPS</u> or <input type="checkbox"/> Client drop off Evidence of cooling: <input type="checkbox"/> Yes   <input checked="" type="checkbox"/> No - Temp (°C): <u>17.9°C</u> Sample in good condition: <input checked="" type="checkbox"/> Yes   <input type="checkbox"/> No Payment: <input type="checkbox"/> Cash   <input type="checkbox"/> Check   <input type="checkbox"/> CC   <input type="checkbox"/> 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 Portland, OR 97230 P: (503) 254-1794 | Fax: (503) 254-1452 info@columbiaboratories.com  
Page \_\_\_\_\_ of \_\_\_\_\_ www.columbiaboratories.com

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.  
Testing in accordance with: OAR 333-007-0430



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

Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: 2300373

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.0320	0.033	%	95.9	80.0	- 120	Acceptable	
CBDV	2	0.0352	0.035	%	99.7	80.0	- 120	Acceptable	
CBE	2	0.0332	0.035	%	94.9	80.0	- 120	Acceptable	
CBDA	1	0.0319	0.033	%	97.5	90.0	- 110	Acceptable	
CBGA	1	0.0318	0.032	%	98.3	80.0	- 120	Acceptable	
CBG	1	0.0316	0.032	%	98.6	80.0	- 120	Acceptable	
CBD	1	0.0310	0.032	%	97.5	90.0	- 110	Acceptable	
THCV	2	0.0337	0.035	%	95.1	80.0	- 120	Acceptable	
d8THCV	2	0.0334	0.034	%	96.9	80.0	- 120	Acceptable	
THCVA	2	0.0317	0.033	%	96.1	80.0	- 120	Acceptable	
CBN	1	0.0329	0.033	%	99.2	80.0	- 120	Acceptable	
exo-THC	2	0.0310	0.032	%	95.7	80.0	- 120	Acceptable	
d9THC	1	0.0338	0.035	%	95.8	90.0	- 110	Acceptable	
d8THC	1	0.0325	0.031	%	104	90.0	- 110	Acceptable	
CBL	2	0.0328	0.035	%	94.9	80.0	- 120	Acceptable	
d10THC	1	0.0316	0.032	%	98.1	80.0	- 120	Acceptable	
CBC	2	0.0332	0.035	%	96.0	80.0	- 120	Acceptable	
THCA	1	0.0318	0.033	%	97.3	90.0	- 110	Acceptable	
CBCA	2	0.0333	0.034	%	97.0	80.0	- 120	Acceptable	
CBLA	2	0.0336	0.035	%	96.1	80.0	- 120	Acceptable	
CBT	2	0.0342	0.035	%	97.4	80.0	- 120	Acceptable	

Method Blank							
Analyte	Result	LOQ	Units	Limits		Evaluation	Notes
CBDVA	<LOQ	0.003	%	< 0.003		Acceptable	
CBDV	<LOQ	0.003	%	< 0.003		Acceptable	
CBE	<LOQ	0.003	%	< 0.003		Acceptable	
CBDA	<LOQ	0.003	%	< 0.003		Acceptable	
CBGA	<LOQ	0.003	%	< 0.003		Acceptable	
CBG	<LOQ	0.003	%	< 0.003		Acceptable	
CBD	<LOQ	0.003	%	< 0.003		Acceptable	
THCV	<LOQ	0.003	%	< 0.003		Acceptable	
d8THCV	<LOQ	0.003	%	< 0.003		Acceptable	
THCVA	<LOQ	0.003	%	< 0.003		Acceptable	
CBN	<LOQ	0.003	%	< 0.003		Acceptable	
exo-THC	<LOQ	0.003	%	< 0.003		Acceptable	
d9THC	<LOQ	0.003	%	< 0.003		Acceptable	
d8THC	<LOQ	0.003	%	< 0.003		Acceptable	
CBL	<LOQ	0.003	%	< 0.003		Acceptable	
d10THC	<LOQ	0.003	%	< 0.003		Acceptable	
CBC	<LOQ	0.003	%	< 0.003		Acceptable	
THCA	<LOQ	0.003	%	< 0.003		Acceptable	
CBCA	<LOQ	0.003	%	< 0.003		Acceptable	
CBLA	<LOQ	0.003	%	< 0.003		Acceptable	
CBT	<LOQ	0.003	%	< 0.003		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

J AOAC 2015 V98-6		Batch ID: 2300373						
Sample Duplicate		Sample ID: 23-000165-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDV	0.0116	0.0119	0.003	%	2.22	< 20	Acceptable	
CBE	0.0623	0.0626	0.003	%	0.534	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBD	2.83	2.80	0.003	%	0.928	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d9THC	0.149	0.149	0.003	%	0.328	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBL	0.0077	0.0081	0.003	%	4.92	< 20	Acceptable	
d10THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBC	0.0919	0.0920	0.003	%	0.141	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBT	0.0440	0.0442	0.003	%	0.446	< 20	Acceptable	

Abbreviations

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

Units of Measure:



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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.