



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



Report Number: 21-011080/D003.R001
Report Date: 09/29/2021
ORELAP#: OR100028
Purchase Order: FSP Oils 9.20.21
Received: 09/21/21 10:59

This is an amended version of report# 21-011080/D003.R000.
Reason: Updated reporting units.

Customer: Mission Farms CBD
Product identity: Relax 2000 FSM Oil Batch 21-0911-2
Client/Metric ID: .
Laboratory ID: 21-011080-0004

Summary

Potency:

Analyte per 1g	Result	Limits	Units	Status	CBD-Total per 1g	55.0 mg/1g
CBC per 1g [†]	2.24		mg/1g			
CBD per 1g	49.1		mg/1g			
CBD-A per 1g	6.75		mg/1g		THC-Total per 1g	2.00 mg/1g
CBG per 1g [†]	14.2		mg/1g			
Δ9-THC per 1g	2.00		mg/1g			
					CBD-Total per 29g	1600 mg/29g
Analyte per 29g	Result	Limits	Units	Status		
CBC per 29g [†]	65.0		mg/29g			
CBD per 29g	1420		mg/29g		THC-Total per 29g	58.0 mg/29g
CBD-A per 29g	196		mg/29g			
CBG per 29g [†]	412		mg/29g			
Δ9-THC per 29g	58.0		mg/29g			(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: Relax 2000 FSM Oil Batch 21-0911-2
Client/Metric ID: .
Sample Date:
Laboratory ID: 21-011080-0004
Evidence of Cooling: No
Temp: 21.8 °C
Relinquished by: UPS
Serving Size #1: 1 g
Serving Size #2: 29 g

Sample Results

Potency per 1g					
Method J AOAC 2015 V98-6 (mod)Units mg/se Batch: 2108683 Analyze: 9/24/21 10:26:00 PM					
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1g [†]	2.24		mg/1g	0.887	
CBC-A per 1g [†]	< LOQ		mg/1g	0.887	
CBC-Total per 1g [†]	2.24		mg/1g	1.66	
CBD per 1g	49.1		mg/1g	0.887	
CBD-A per 1g	6.75		mg/1g	0.887	
CBD-Total per 1g	55.0		mg/1g	1.66	
CBDV per 1g [†]	< LOQ		mg/1g	0.887	
CBDV-A per 1g [†]	< LOQ		mg/1g	0.887	
CBDV-Total per 1g [†]	< LOQ		mg/1g	1.65	
CBE per 1g [†]	< LOQ		mg/1g	0.887	
CBG per 1g [†]	14.2		mg/1g	0.887	
CBG-A per 1g [†]	< LOQ		mg/1g	0.887	
CBG-Total per 1g [†]	14.2		mg/1g	1.65	
CBL per 1g [†]	< LOQ		mg/1g	0.887	
CBL-A per 1g [†]	< LOQ		mg/1g	0.887	
CBL-Total per 1g [†]	< LOQ		mg/1g	1.66	
CBN per 1g	< LOQ		mg/1g	0.887	
CBT per 1g [†]	< LOQ		mg/1g	0.887	
Δ8-THCV per 1g [†]	< LOQ		mg/1g	0.887	
Δ8-THC per 1g [†]	< LOQ		mg/1g	0.887	
Δ9-THC per 1g	2.00		mg/1g	0.887	
exo-THC per 1g [†]	< LOQ		mg/1g	0.887	
THC-A per 1g	< LOQ		mg/1g	0.887	
THC-Total per 1g	2.00		mg/1g	1.66	
THCV per 1g [†]	< LOQ		mg/1g	0.887	
THCV-A per 1g [†]	< LOQ		mg/1g	0.887	
THCV-Total per 1g [†]	< LOQ		mg/1g	1.66	
Total Cannabinoids per 1g	74.3		mg/1g		



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Potency per 29g Method J AOAC 2015 V98-6 (mod)Units mg/se Batch: 2108683 Analyze: 9/24/21 10:26:00 PM

Analyte	Result	Limits	Units	LOQ	Notes
CBC per 29g [†]	65.0		mg/29g	25.7	
CBC-A per 29g [†]	< LOQ		mg/29g	25.7	
CBC-Total per 29g [†]	65.0		mg/29g	48.3	
CBD per 29g	1420		mg/29g	25.7	
CBD-A per 29g	196		mg/29g	25.7	
CBD-Total per 29g	1600		mg/29g	48.3	
CBDV per 29g [†]	< LOQ		mg/29g	25.7	
CBDV-A per 29g [†]	< LOQ		mg/29g	25.7	
CBDV-Total per 29g [†]	< LOQ		mg/29g	48.0	
CBG per 29g [†]	412		mg/29g	25.7	
CBG-A per 29g [†]	< LOQ		mg/29g	25.7	
CBG-Total per 29g [†]	412		mg/29g	48.0	
CBL per 29g [†]	< LOQ		mg/29g	25.7	
CBL-Total per 29g [†]	< LOQ		mg/29g	48.3	
CBN per 29g	< LOQ		mg/29g	25.7	
Δ8-THC per 29g [†]	< LOQ		mg/29g	25.7	
Δ9-THC per 29g	58.0		mg/29g	25.7	
THC-A per 29g	< LOQ		mg/29g	25.7	
THC-Total per 29g	58.0		mg/29g	48.3	
THCV per 29g [†]	< LOQ		mg/29g	25.7	
THCV-A per 29g [†]	< LOQ		mg/29g	25.7	
THCV-Total per 29g [†]	< LOQ		mg/29g	48.3	



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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

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.

† = Analyte not NELAP accredited.

Units of Measure

g = Gram

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 / Extract / Finished Products

Chain of Custody Record

Document Control ID: 2832 Revision: 1
Effective: 05/07/2021
ORELAP ID: OR100028

21-011080

Company: Mission Farms CBD Contact: Ben Joyce Street: 1001 SW Disk Dr #250 City: Bend State: OR Zip: 97702 Email Results: ben@missionfarmscbd.com Ph: (925) 759-9555 Fx Results: () Billing (if different): marina@missionfarmscbd.com				Analysis Requested				PO Number: FSP Oils 9.20.21 Project Number: Project Name: Custom Reporting: Report to State - ☐ METRC or ☐ Other: Turnaround Time: ☒ 5 Business Day Standard Turnaround ☐ 3 Business Day Rush Turnaround* ☐ 2 Business Day Rush Turnaround* *Check for availability Sampled by:		
Lab ID	Client Sample Identification	Date	Time	H0010 Potency		Sample Type	Weight (Units)	Comments/Metric ID		
	Rest 1000 FSM Oil Batch 21-0910-1	9/20/21		X		bottle	29g	Please report in mg/g and mg/unit weight and include batch # for each sample		
	Rest 2000 FSM Oil Batch 21-0913-1	9/20/21		X		bottle	29g			
	Relax 1000 FSM Oil Batch 21-0909-3	9/20/21		X		bottle	29g			
	Relax 2000 FSM Oil Batch 21-0911-2	9/20/21		X		bottle	29g			
	Relieve 1000 FSM Oil 21-0910-2	9/20/21		X		bottle	29g			
	Relieve 2000 FSM Oil 21-0911-1	9/20/21		X		bottle	29g			
Relinquished By: Kate Riley				Date: 9/20/21	Time: 4:15	Received By: DS		Date: 9/21/21	Time: 10:59	Lab Use Only:
Shipped Via: UPS or ☐ Client drop Evidence of cooling: ☐ Yes ☒ No - Temp (°C): 21.8°C Sample in good condition: ☒ Yes ☐ No ☐ Cash ☐ Check ☐ CC ☐ Net: Prelog storage:										

† - Sample Type Codes: Vegetation (V) ; Isolates (S) ; Extract/Concentrate (C) ; Tincture/Topical (T) ; Edible (E) ; Beverage (B)

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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Document ID: 3177 Revision: 2
Effective: 06/25/2021
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Job Number: _____ Search Name: _____

Package/Cooler opened on (if different than received date/time) Date: 9/21/21 Time: 10:56

Received By (Initials): DS Logged in by (Initials): _____ Date: _____ Time: _____

1) Were custody seals on outside of the package/cooler? YES NO NA
If YES, how many and where? _____

Does date match collection date on COC? _____ YES NO NA

2) Was Chain of Custody (COC) included in the package/cooler? YES NO NA

3) Was COC signed when relinquished and received? (time, date)? YES NO NA

4) How was the package/cooler delivered?

UPS FEDEX USPS CLIENT COURIER OTHER: _____

Tracking Number (written in or copy of shipping label): 1Z V89 F75 03 1287 8555

5) Was packing material used? YES NO NA

Peanuts Bubble Wrap Foam Paper Other:

6) Was temperature upon receipt 4°C- 2°C (if appropriate)? YES NO NA

If not, client contacted: _____
Proceed? YES NO

7) Was there evidence of cooling? YES NO NA

What kind? Blue Ice Ice Cooler Packs Dry Ice

8) Were all sample containers sealed in separate plastic bags? YES NO NA

9) Did all sample containers arrive in good condition? YES NO NA

10) Were all sample container labels complete? YES NO NA

11) Did all sample container labels and tags agree with the COC? YES NO NA

12) Were correct sample containers used for the tests indicated? YES NO NA

13) Were VOA vials checked for absence of air bubbles (note if found)? YES NO NA

14) Was a sufficient amount of sample sent in each sample container? YES NO NA

16) Sample location prior to login: R99 R39 R44 F44 Ambient Shelf Cannabis Table Other: _____

Explain any discrepancies: 21.8°C



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Revision: Document ID:
Legacy ID: Effective:

Laboratory Quality Control Results

J AOAC 2015 V98-6							
Batch ID: 2108683							
Laboratory Control Sample							
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	0.204	0.2	%	102	85.0 - 115	Acceptable	
CBDV	0.214	0.2	%	107	85.0 - 115	Acceptable	
CBE	0.203	0.2	%	102	85.0 - 115	Acceptable	
CBDA	0.212	0.2	%	106	85.0 - 115	Acceptable	
CBGA	0.204	0.2	%	102	85.0 - 115	Acceptable	
CBG	0.208	0.2	%	104	85.0 - 115	Acceptable	
CBD	0.212	0.2	%	106	85.0 - 115	Acceptable	
THCV	0.204	0.2	%	102	85.0 - 115	Acceptable	
d8THCV	0.192	0.2	%	96.1	85.0 - 115	Acceptable	
THCVA	0.191	0.2	%	95.3	85.0 - 115	Acceptable	
CBN	0.210	0.2	%	105	85.0 - 115	Acceptable	
exo-THC	0.185	0.2	%	92.5	85.0 - 115	Acceptable	
d9THC	0.202	0.2	%	101	85.0 - 115	Acceptable	
d8THC	0.204	0.2	%	102	85.0 - 115	Acceptable	
CBL	0.190	0.2	%	95.0	85.0 - 115	Acceptable	
CBC	0.208	0.2	%	104	85.0 - 115	Acceptable	
THCA	0.197	0.2	%	98.5	85.0 - 115	Acceptable	
CBCA	0.199	0.2	%	99.6	85.0 - 115	Acceptable	
CBLA	0.202	0.2	%	101	85.0 - 115	Acceptable	
CBT	0.202	0.2	%	101	85.0 - 115	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.1	%	< 0.1	Acceptable	
CBDV	<LOQ	0.1	%	< 0.1	Acceptable	
CBE	<LOQ	0.1	%	< 0.1	Acceptable	
CBDA	<LOQ	0.1	%	< 0.1	Acceptable	
CBGA	<LOQ	0.1	%	< 0.1	Acceptable	
CBG	<LOQ	0.1	%	< 0.1	Acceptable	
CBD	<LOQ	0.1	%	< 0.1	Acceptable	
THCV	<LOQ	0.1	%	< 0.1	Acceptable	
d8THCV	<LOQ	0.1	%	< 0.1	Acceptable	
THCVA	<LOQ	0.1	%	< 0.1	Acceptable	
CBN	<LOQ	0.1	%	< 0.1	Acceptable	
exo-THC	<LOQ	0.1	%	< 0.1	Acceptable	
d9THC	<LOQ	0.1	%	< 0.1	Acceptable	
d8THC	<LOQ	0.1	%	< 0.1	Acceptable	
CBL	<LOQ	0.1	%	< 0.1	Acceptable	
CBC	<LOQ	0.1	%	< 0.1	Acceptable	
THCA	<LOQ	0.1	%	< 0.1	Acceptable	
CBCA	<LOQ	0.1	%	< 0.1	Acceptable	
CBLA	<LOQ	0.1	%	< 0.1	Acceptable	
CBT	<LOQ	0.1	%	< 0.1	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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Legacy ID: Effective:

Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2108683						
Sample Duplicate		Sample ID: 21-011119-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBDV	0.304	0.296	0.1	%	2.49	< 20	Acceptable	
CBE	0.278	0.284	0.1	%	2.10	< 20	Acceptable	
CBD A	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBG	3.85	2.96	0.1	%	25.9	< 20	Outlier	Q6
CBD	85.3	88.6	0.1	%	3.78	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBC	1.13	0.869	0.1	%	26.1	< 20	Outlier	Q6
THCA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	

Abbreviations

ND - None Detected at or above MRL
RPD - Relative Percent Difference
LOQ - Limit of Quantitation
NA - Calculation Not Applicable given non-numerical results
Q6 - Quality control outside QC limits. Data acceptable based on remaining QC.

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.