



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



**Report Number:** 21-011080/D004.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/D004.R000.  
 Reason: Updated reporting units.

**Customer:** Mission Farms CBD  
**Product identity:** Relieve 1000 FSM Oil 21-0910-2  
**Client/Metric ID:** .  
**Laboratory ID:** 21-011080-0005

### Summary

**Potency:**

Analyte per 1g	Result	Limits	Units	Status	
CBC per 1g <sup>†</sup>	4.39		mg/1g		CBD-Total per 1g 24.1 mg/1g
CBD per 1g	24.1		mg/1g		
CBG per 1g <sup>†</sup>	7.31		mg/1g		THC-Total per 1g <LOQ
Δ9-THC per 1g	1.03		mg/1g		
Analyte per 29g	Result	Limits	Units	Status	
CBC per 29g <sup>†</sup>	127		mg/29g		CBD-Total per 29g 699 mg/29g
CBD per 29g	699		mg/29g		
CBG per 29g <sup>†</sup>	212		mg/29g		THC-Total per 29g <LOQ
Δ9-THC per 29g	29.9		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:** Relieve 1000 FSM Oil 21-0910-2

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 21-011080-0005

**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 10:34:00 PM					
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1g <sup>†</sup>	4.39		mg/1g	0.978	
CBC-A per 1g <sup>†</sup>	< LOQ		mg/1g	0.978	
CBC-Total per 1g <sup>†</sup>	4.39		mg/1g	1.84	
CBD per 1g	24.1		mg/1g	0.978	
CBD-A per 1g	< LOQ		mg/1g	0.978	
CBD-Total per 1g	24.1		mg/1g	1.84	
CBDV per 1g <sup>†</sup>	< LOQ		mg/1g	0.978	
CBDV-A per 1g <sup>†</sup>	< LOQ		mg/1g	0.978	
CBDV-Total per 1g <sup>†</sup>	< LOQ		mg/1g	1.83	
CBE per 1g <sup>†</sup>	< LOQ		mg/1g	0.978	
CBG per 1g <sup>†</sup>	7.31		mg/1g	0.978	
CBG-A per 1g <sup>†</sup>	< LOQ		mg/1g	0.978	
CBG-Total per 1g <sup>†</sup>	7.31		mg/1g	1.83	
CBL per 1g <sup>†</sup>	< LOQ		mg/1g	0.978	
CBL-A per 1g <sup>†</sup>	< LOQ		mg/1g	0.978	
CBL-Total per 1g <sup>†</sup>	< LOQ		mg/1g	1.84	
CBN per 1g	< LOQ		mg/1g	0.978	
CBT per 1g <sup>†</sup>	< LOQ		mg/1g	0.978	
Δ8-THCV per 1g <sup>†</sup>	< LOQ		mg/1g	0.978	
Δ8-THC per 1g <sup>†</sup>	< LOQ		mg/1g	0.978	
Δ9-THC per 1g	1.03		mg/1g	0.978	
exo-THC per 1g <sup>†</sup>	< LOQ		mg/1g	0.978	
THC-A per 1g	< LOQ		mg/1g	0.978	
THC-Total per 1g	< LOQ		mg/1g	1.84	
THCV per 1g <sup>†</sup>	< LOQ		mg/1g	0.978	
THCV-A per 1g <sup>†</sup>	< LOQ		mg/1g	0.978	
THCV-Total per 1g <sup>†</sup>	< LOQ		mg/1g	1.84	
Total Cannabinoids per 1g	36.8		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 10:34:00 PM**

Analyte	Result	Limits	Units	LOQ	Notes
CBC per 29g <sup>†</sup>	127		mg/29g	28.4	
CBC-A per 29g <sup>†</sup>	< LOQ		mg/29g	28.4	
CBC-Total per 29g <sup>†</sup>	127		mg/29g	53.3	
CBD per 29g	699		mg/29g	28.4	
CBD-A per 29g	< LOQ		mg/29g	28.4	
CBD-Total per 29g	699		mg/29g	53.3	
CBDV per 29g <sup>†</sup>	< LOQ		mg/29g	28.4	
CBDV-A per 29g <sup>†</sup>	< LOQ		mg/29g	28.4	
CBDV-Total per 29g <sup>†</sup>	< LOQ		mg/29g	53.0	
CBG per 29g <sup>†</sup>	212		mg/29g	28.4	
CBG-A per 29g <sup>†</sup>	< LOQ		mg/29g	28.4	
CBG-Total per 29g <sup>†</sup>	212		mg/29g	53.0	
CBL per 29g <sup>†</sup>	< LOQ		mg/29g	28.4	
CBL-Total per 29g <sup>†</sup>	< LOQ		mg/29g	53.3	
CBN per 29g	< LOQ		mg/29g	28.4	
Δ8-THC per 29g <sup>†</sup>	< LOQ		mg/29g	28.4	
Δ9-THC per 29g	29.9		mg/29g	28.4	
THC-A per 29g	< LOQ		mg/29g	28.4	
THC-Total per 29g	< LOQ		mg/29g	53.3	
THCV per 29g <sup>†</sup>	< LOQ		mg/29g	28.4	
THCV-A per 29g <sup>†</sup>	< LOQ		mg/29g	28.4	
THCV-Total per 29g <sup>†</sup>	< LOQ		mg/29g	53.3	

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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) 759-0555 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 - <input type="checkbox"/> METRC or <input type="checkbox"/> Other: Turnaround time: <input checked="" type="checkbox"/> 5 Business Day Standard Turnaround <input type="checkbox"/> 3 Business Day Rush Turnaround* <input type="checkbox"/> 2 Business Day Rush Turnaround* <i>*Check for availability</i>	
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 210911-1	9/20/21		X	bottle	29g		
Relinquished By:	Date	Time	Received By:	Date	Time	Lab Use Only:			
Kate Riley	9/20/21	4:15	DS	9/21/21	10:59	<input checked="" type="checkbox"/> Shipped Via: <u>UPS</u> or <input type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes   <input checked="" type="checkbox"/> No - Temp (°C): <u>21.8°C</u> Sample in good condition: <input checked="" type="checkbox"/> Yes   <input type="checkbox"/> No <input type="checkbox"/> Cash   <input type="checkbox"/> Check   <input type="checkbox"/> CC   <input type="checkbox"/> 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  
Portland, OR 97230

P: (503) 254-1794 | Fax: (503) 254-1452  
[info@columbialaboratories.com](mailto:info@columbialaboratories.com)

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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 489 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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Revision: Document ID:  
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	
CBDA	<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.