



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



**Report Number:** 21-011953/D002.R000  
**Report Date:** 10/15/2021  
**ORELAP#:** OR100028  
**Purchase Order:** FSP Oils 10.5.21  
**Received:** 10/08/21 14:34

**Customer:** Mission Farms CBD  
**Product identity:** Rest 2000 FSM OIL Batch 21-1007-1  
**Client/Metric ID:** .  
**Laboratory ID:** 21-011953-0002

### Summary

**Potency:**

Analyte per 1g	Result	Limits	Units	Status	
CBC per 1g <sup>†</sup>	2.28		mg/1g		CBD-Total per 1g 47.7 mg/1g
CBD per 1g	42.1		mg/1g		
CBD-A per 1g	6.38		mg/1g		THC-Total per 1g 2.93 mg/1g
CBDV per 1g <sup>†</sup>	0.568		mg/1g		
CBE per 1g <sup>†</sup>	0.472		mg/1g		CBD-Total per 29g 1380 mg/29g
CBG per 1g <sup>†</sup>	0.840		mg/1g		
CBL per 1g <sup>†</sup>	0.0944		mg/1g		THC-Total per 29g 85 mg/29g
CBN per 1g	14.2		mg/1g		
CBT per 1g <sup>†</sup>	1.33		mg/1g		(Reported in milligrams per serving)
Δ9-THC per 1g	2.93		mg/1g		
THCV per 1g <sup>†</sup>	0.290		mg/1g		
Analyte per 29g	Result	Limits	Units	Status	
CBC per 29g <sup>†</sup>	66.1		mg/29g		
CBD per 29g	1220		mg/29g		
CBD-A per 29g	185		mg/29g		
CBDV per 29g <sup>†</sup>	16.5		mg/29g		
CBG per 29g <sup>†</sup>	24.4		mg/29g		
CBL per 29g <sup>†</sup>	2.74		mg/29g		
CBN per 29g	412		mg/29g		
Δ9-THC per 29g	85		mg/29g		
THCV per 29g <sup>†</sup>	8.41		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:** Rest 2000 FSM OIL Batch 21-1007-1

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 21-011953-0002

**Evidence of Cooling:** No

**Temp:** 20.9 °C

**Relinquished by:** Client

**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: 2109164 Analyze: 10/11/21 3:16:00 PM					
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1g†	2.28		mg/1g	0.0327	
CBC-A per 1g†	< LOQ		mg/1g	0.0327	
CBC-Total per 1g†	2.28		mg/1g	0.0614	
CBD per 1g	42.1		mg/1g	0.327	
CBD-A per 1g	6.38		mg/1g	0.0327	
CBD-Total per 1g	47.7		mg/1g	0.356	
CBDV per 1g†	0.568		mg/1g	0.0327	
CBDV-A per 1g†	< LOQ		mg/1g	0.0327	
CBDV-Total per 1g†	0.568		mg/1g	0.0611	
CBE per 1g†	0.472		mg/1g	0.0327	
CBG per 1g†	0.840		mg/1g	0.0327	
CBG-A per 1g†	< LOQ		mg/1g	0.0327	
CBG-Total per 1g†	0.840		mg/1g	0.0611	
CBL per 1g†	0.0944		mg/1g	0.0327	
CBL-A per 1g†	< LOQ		mg/1g	0.0327	
CBL-Total per 1g†	0.0944		mg/1g	0.0614	
CBN per 1g	14.2		mg/1g	0.327	
CBT per 1g†	1.33		mg/1g	0.0327	
Δ8-THCV per 1g†	< LOQ		mg/1g	0.0327	
Δ8-THC per 1g†	< LOQ		mg/1g	0.0327	
Δ9-THC per 1g	2.93		mg/1g	0.0327	
exo-THC per 1g†	< LOQ		mg/1g	0.0327	
THC-A per 1g	< LOQ		mg/1g	0.0327	
THC-Total per 1g	2.93		mg/1g	0.0614	
THCV per 1g†	0.290		mg/1g	0.0327	
THCV-A per 1g†	< LOQ		mg/1g	0.0327	
THCV-Total per 1g†	0.290		mg/1g	0.0614	



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Potency per 29g **Method J AOAC 2015 V98-6 (mod) Units mg/se Batch: 2109164 Analyze: 10/11/21 3:16:00 PM**

Analyte	Result	Limits	Units	LOQ	Notes
CBC per 29g†	66.1		mg/29g	0.949	
CBC-A per 29g†	< LOQ		mg/29g	0.949	
CBC-Total per 29g†	66.1		mg/29g	1.78	
CBD per 29g	1220		mg/29g	9.49	
CBD-A per 29g	185		mg/29g	0.949	
CBD-Total per 29g	1380		mg/29g	10.3	
CBDV per 29g†	16.5		mg/29g	0.949	
CBDV-A per 29g†	< LOQ		mg/29g	0.949	
CBDV-Total per 29g†	16.5		mg/29g	1.77	
CBG per 29g†	24.4		mg/29g	0.949	
CBG-A per 29g†	< LOQ		mg/29g	0.949	
CBG-Total per 29g†	24.4		mg/29g	1.77	
CBL per 29g†	2.74		mg/29g	0.949	
CBL-Total per 29g†	2.74		mg/29g	1.78	
CBN per 29g	412		mg/29g	9.49	
Δ8-THC per 29g†	< LOQ		mg/29g	0.949	
Δ9-THC per 29g	85		mg/29g	0.949	
THC-A per 29g	< LOQ		mg/29g	0.949	
THC-Total per 29g	85		mg/29g	1.78	
THCV per 29g†	8.41		mg/29g	0.949	
THCV-A per 29g†	< LOQ		mg/29g	0.949	
THCV-Total per 29g†	8.41		mg/29g	1.78	



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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**

Company: <u>Mission Farms CBD</u> Contact: <u>Ben Joyce</u> Street: <u>1001 SW Disk Dr #250</u> City: <u>Bend</u> State: <u>OR</u> Zip: <u>97702</u> <input checked="" type="checkbox"/> Email Results: <u>ben@missionfarmscbd.com</u> Ph: (925) <u>759 9555</u> <input type="checkbox"/> Fx Results: ( ) Billing (if different): <u>marina@missionfarmscbd.com</u>				<b>Analysis Requested</b>				PO Number: <u>FSP Oils 10.5.21</u> 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>	
				H0010 Potency				Sampled by: _____	
Lab ID	Client Sample Identification	Date	Time				Sample Type †	Weight (Units)	Comments/Metric ID
	Rest 1000 FSM Oil Batch 21-1005-4	10/5/21		X			bottle	29g	Please report in mg/g and mg/unit weight and include batch # for each sample
	Rest 2000 FSM Oil Batch 21-1007-1	10/7/21		X			bottle	29g	
Relinquished By:		Date	Time	Received By:		Date	Time	Lab Use Only:	
<u>Kate Riley</u>		<u>10/8/21</u>	<u>9:11</u>	<u>BD</u>		<u>10/9/21</u>	<u>14:34</u>	<input type="checkbox"/> Shipped Via: _____ or <input checked="" type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes   <input checked="" type="checkbox"/> No - Temp (°C): <u>20.9</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@columbiaboratories.com](mailto:info@columbiaboratories.com)

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[www.columbiaboratories.com](http://www.columbiaboratories.com)



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Revision #: 0.00 Control : CFL-D06  
Revision Date: 05/31/2019 Effective Date: 05/31/2019

**Laboratory Quality Control Results**

J AOAC 2015 V98-6							
Batch ID: 2109164							
Laboratory Control Sample							
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	0.00957	0.01	%	95.7	85.0 - 115	Acceptable	
CBDV	0.0100	0.01	%	100	85.0 - 115	Acceptable	
CBE	0.00984	0.01	%	98.4	85.0 - 115	Acceptable	
CBDA	0.0106	0.01	%	106	85.0 - 115	Acceptable	
CBGA	0.00940	0.01	%	94.0	85.0 - 115	Acceptable	
CBG	0.00983	0.01	%	98.3	85.0 - 115	Acceptable	
CBD	0.0112	0.01	%	112	85.0 - 115	Acceptable	
THCV	0.00957	0.01	%	95.7	85.0 - 115	Acceptable	
d8THCV	0.00976	0.01	%	97.6	85.0 - 115	Acceptable	
THCVA	0.00921	0.01	%	92.1	85.0 - 115	Acceptable	
CBN	0.0108	0.01	%	108	85.0 - 115	Acceptable	
exo-THC	0.00929	0.01	%	92.9	85.0 - 115	Acceptable	
d9THC	0.0105	0.01	%	105	85.0 - 115	Acceptable	
d8THC	0.00963	0.01	%	96.3	85.0 - 115	Acceptable	
CBL	0.00909	0.01	%	90.9	85.0 - 115	Acceptable	
CBC	0.00994	0.01	%	99.4	85.0 - 115	Acceptable	
THCA	0.0102	0.01	%	102	85.0 - 115	Acceptable	
CBCA	0.00971	0.01	%	97.1	85.0 - 115	Acceptable	
CBLA	0.0104	0.01	%	104	85.0 - 115	Acceptable	
CBT	0.0113	0.01	%	113	85.0 - 115	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	
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 #: 0.00 Control : CFL-D06  
Revision Date: 05/31/2019 Effective Date: 05/31/2019

**Laboratory Quality Control Results**

J AOAC 2015 V98-6								
Sample Duplicate								
Batch ID: 2109164								
Sample ID: 21-011908-0001								
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDV	0.0357	0.0356	0.003	%	0.281	< 20	Acceptable	
CBE	0.0672	0.0683	0.003	%	1.66	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBD	6.08	6.10	0.003	%	0.430	< 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	0.203	0.207	0.003	%	1.89	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBL	0.0104	0.0130	0.003	%	22.1	< 20	Outlier	Q6
CBC	0.239	0.254	0.003	%	5.89	< 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	0.133	0.136	0.003	%	1.56	< 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.