



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



**Report Number:** 24-001460/D006.R000  
**Report Date:** 02/14/2024  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 02/08/24 15:04

**Customer:** Brothers Apothecary  
**Product identity:** Blue Moon Milk 1.1  
**Client/Metric ID:** .  
**Laboratory ID:** 24-001460-0007

### Summary

**Potency:**

Analyte per 8g	Result	Limits	Units	Status	
CBD per 8g	69.3		mg/8g		CBD-Total per Serving Size 69.3 mg/8g
					THC-Total per Serving Size <LOQ
					(Reported in milligrams per serving)



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**Customer:** Brothers Apothecary  
 3423 SE18th Ave  
 Portland OR, 97202  
 United States of America (USA)

**Product identity:** Blue Moon Milk 1.1

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 24-001460-0007

**Evidence of Cooling:** No

**Temp:** 17.5

**Relinquished by:** ramos

**Serving Size #1:** 8 g

### Sample Results

Potency per 8g		Method: J AOAC 2015 V98-6 (mod) <sup>b</sup>		Units mg/se Batch: 2401118		Analyze: 2/12/24 6:49:00 PM
Analyte	Result	Limits	Units	LOQ	Notes	
CBD per 8g	69.3		mg/8g	0.258		
CBD-A per 8g	< LOQ		mg/8g	0.258		
CBD-Total per 8g	69.3		mg/8g	0.485		
CBG per 8g	< LOQ		mg/8g	0.258		
CBG-A per 8g	< LOQ		mg/8g	0.258		
CBG-Total per 8g	< LOQ		mg/8g	0.482		
CBN per 8g	< LOQ		mg/8g	0.258		
Δ10-THC-9R per 8g	< LOQ		mg/8g	0.258		
Δ10-THC-9S per 8g	< LOQ		mg/8g	0.258		
Δ10-THC-Total per 8g	< LOQ		mg/8g	0.516		
Δ8-THC per 8g	< LOQ		mg/8g	0.258		
Δ9-THC per 8g	< LOQ		mg/8g	0.258		
THC-A per 8g	< LOQ		mg/8g	0.258		
THC-Total per 8g	< LOQ		mg/8g	0.485		
Total Cannabinoids per 8g	69.3		mg/8g			



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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/8g = Milligram per 8g
- % = Percentage of sample
- % wt =  $\mu\text{g/g}$  divided by 10,000

Approved Signatory

Derrick Tanner  
General Manager



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Revision: 4 Document ID: 7148  
Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: 0

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.0312	0.0322	%	96.8	80.0	- 120	Acceptable	
CBDV	2	0.0281	0.0297	%	94.7	80.0	- 120	Acceptable	
CBE	2	0.0340	0.0356	%	95.7	80.0	- 120	Acceptable	
CBDA	1	0.0305	0.0306	%	99.7	90.0	- 110	Acceptable	
CBGA	1	0.0298	0.0303	%	98.2	80.0	- 120	Acceptable	
CBG	1	0.0319	0.0327	%	97.8	80.0	- 120	Acceptable	
CBD	1	0.0339	0.0335	%	101	90.0	- 110	Acceptable	
THCV	2	0.0318	0.0333	%	95.5	80.0	- 120	Acceptable	
d8THCV	2	0.0271	0.0283	%	96.0	80.0	- 120	Acceptable	
THCVA	2	0.0304	0.0315	%	96.5	80.0	- 120	Acceptable	
CBN	1	0.0288	0.0301	%	95.4	80.0	- 120	Acceptable	
exo-THC	2	0.0316	0.0335	%	94.5	80.0	- 120	Acceptable	
d9THC	1	0.0301	0.0317	%	95.1	90.0	- 110	Acceptable	
d8THC	1	0.0283	0.0304	%	92.9	90.0	- 110	Acceptable	
9S-d10THC	1	0.0299	0.0324	%	92.2	80.0	- 120	Acceptable	
CBL	2	0.0307	0.0328	%	93.5	80.0	- 120	Acceptable	
9R-d10THC	1	0.0289	0.0317	%	91.0	80.0	- 120	Acceptable	
CBC	2	0.0284	0.0305	%	93.2	80.0	- 120	Acceptable	
THCA	1	0.0293	0.0296	%	98.9	90.0	- 110	Acceptable	
CBCA	2	0.0305	0.0327	%	93.2	80.0	- 120	Acceptable	
CBLA	2	0.0318	0.0336	%	94.6	80.0	- 120	Acceptable	
d9THCP	2	0.0293	0.0328	%	89.3	80.0	- 120	Acceptable	
CBT	2	0.0292	0.0327	%	89.3	80.0	- 120	Acceptable	

Method Blank						
Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBDV	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBE	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBDA	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBGA	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBG	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBD	<LOQ	0.00322	%	< 0.00322	Acceptable	
THCV	<LOQ	0.00322	%	< 0.00322	Acceptable	
d8THCV	<LOQ	0.00322	%	< 0.00322	Acceptable	
THCVA	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBN	<LOQ	0.00322	%	< 0.00322	Acceptable	
exo-THC	<LOQ	0.00322	%	< 0.00322	Acceptable	
d9THC	<LOQ	0.00322	%	< 0.00322	Acceptable	
d8THC	<LOQ	0.00322	%	< 0.00322	Acceptable	
9S-d10THC	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBL	<LOQ	0.00322	%	< 0.00322	Acceptable	
9R-d10THC	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBC	<LOQ	0.00322	%	< 0.00322	Acceptable	
THCA	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBCA	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBLA	<LOQ	0.00322	%	< 0.00322	Acceptable	
d9THCP	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBT	<LOQ	0.00322	%	< 0.00322	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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Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 0						
Sample Duplicate		Sample ID: 24-001417-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00305	%	NA	< 20	Acceptable	
CBDV	0.00452	0.00451	0.00305	%	0.0845	< 20	Acceptable	
CBE	0.00565	0.00563	0.00305	%	0.466	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.00305	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.00305	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00305	%	NA	< 20	Acceptable	
CBG	0.0126	0.0125	0.00305	%	0.470	< 20	Acceptable	
CBD	0.529	0.530	0.00305	%	0.153	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.00305	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00305	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00305	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.00305	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00305	%	NA	< 20	Acceptable	
d9THC	0.0426	0.0427	0.00305	%	0.102	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00305	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00305	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00305	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00305	%	NA	< 20	Acceptable	
CBC	0.0105	0.0105	0.00305	%	0.465	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00305	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.00305	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00305	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00305	%	NA	< 20	Acceptable	
CBT	0.0177	0.0179	0.00305	%	0.939	< 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.