



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

**Report Number:** 23-000948/D003.R000  
**Report Date:** 01/27/2023  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 01/23/23 12:36

**Customer:** Brothers Apothecary  
**Product identity:** Golden Milk 1.1  
**Project Number:** COL-BK-06  
**Client/Metric ID:** .  
**Laboratory ID:** 23-000948-0005

### Summary

**Potency:**

Analyte	Result	Limits	Units	Status	
CBD	0.706		%		CBD-Total per Serving Size 7.11 mg/1g
<b>Analyte per 1g</b>	<b>Result</b>	<b>Limits</b>	<b>Units</b>	<b>Status</b>	THC-Total per Serving Size <LOQ
CBD per 1g	7.06		mg/1g		(Reported in milligrams per serving)

Supplemental Testing Notes:

**Total Net Weight of Sample: 1g**  
*Sourced from Typical 7-8g Serving Size*

**Total Sample Analysis:**  
56.88mg CBD/serving (7-8 grams, ~1 tablespoon)  
<LOQ THC/serving



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

**Product identity:** Golden Milk 1.1

**Project Number:** COL-BK-06

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 23-000948-0005

**Evidence of Cooling:** No

**Temp:** 20.2 °C

**Relinquished by:** Client

**Serving Size #1:** 1 g

### Sample Results

Potency	Method: J AOAC 2015 V98-6 (mod) <sup>b</sup>		Units %	Batch: 2300768	Analyze: 1/24/23 10:13:00 PM
Analyte	Result	Limits	Units	LOQ	Notes
CBD	0.706		%	0.0292	
CBD-A	< LOQ		%	0.0292	
CBD-Total	0.706		%	0.0548	
CBG	< LOQ		%	0.0292	
CBG-A	< LOQ		%	0.0292	
CBG-Total	< LOQ		%	0.0545	
CBN	< LOQ		%	0.0292	
Δ10-THC-9R	< LOQ		%	0.0292	
Δ10-THC-9S	< LOQ		%	0.0292	
Δ10-THC-Total	< LOQ		%	0.0584	
Δ8-THC	< LOQ		%	0.0292	
Δ9-THC	< LOQ		%	0.0292	
THC-A	< LOQ		%	0.0292	
THC-Total	< LOQ		%	0.0548	
<b>Total Cannabinoids</b>	<b>0.706</b>		%		

Potency per 1g	Method: J AOAC 2015 V98-6 (mod) <sup>b</sup>		Units mg/se	Batch: 2300768	Analyze: 1/24/23 10:13:00 PM
Analyte	Result	Limits	Units	LOQ	Notes
CBD per 1g	7.06		mg/1g	0.292	
CBD-A per 1g	< LOQ		mg/1g	0.292	
CBD-Total per 1g	7.11		mg/1g	0.548	
CBG per 1g	< LOQ		mg/1g	0.292	
CBG-A per 1g	< LOQ		mg/1g	0.292	
CBG-Total per 1g	< LOQ		mg/1g	0.545	
CBN per 1g	< LOQ		mg/1g	0.292	
Δ10-THC-9R per 1g	< LOQ		mg/1g	0.292	
Δ10-THC-9S per 1g	< LOQ		mg/1g	0.292	
Δ8-THC per 1g	< LOQ		mg/1g	0.292	
Δ9-THC per 1g	< LOQ		mg/1g	0.292	



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Potency per 1g					
Method: J AOAC 2015 V98-6 (mod) <sup>b</sup>					
Units mg/se Batch: 2300768 Analyze: 1/24/23 10:13:00 PM					
Analyte	Result	Limits	Units	LOQ	Notes
THC-A per 1g	< LOQ		mg/1g	0.292	
THC-Total per 1g	< LOQ		mg/1g	0.548	

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

Approved Signatory

Derrick Tanner  
General Manager



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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: 2300768

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.0364	0.033	%	109	80.0	- 120	Acceptable	
CBDV	2	0.0350	0.035	%	99.2	80.0	- 120	Acceptable	
CBE	2	0.0340	0.035	%	97.2	80.0	- 120	Acceptable	
CBDA	1	0.0328	0.032	%	102	90.0	- 110	Acceptable	
CBGA	1	0.0328	0.032	%	102	80.0	- 120	Acceptable	
CBG	1	0.0350	0.033	%	107	80.0	- 120	Acceptable	
CBD	1	0.0356	0.032	%	110	90.0	- 110	Acceptable	
THCV	2	0.0367	0.035	%	103	80.0	- 120	Acceptable	
d8THCV	2	0.0353	0.034	%	102	80.0	- 120	Acceptable	
THCVA	2	0.0319	0.033	%	96.7	80.0	- 120	Acceptable	
CBN	1	0.0366	0.034	%	108	80.0	- 120	Acceptable	
exo-THC	2	0.0376	0.032	%	116	80.0	- 120	Acceptable	
d9THC	1	0.0367	0.035	%	105	90.0	- 110	Acceptable	
d8THC	1	0.0330	0.033	%	98.7	90.0	- 110	Acceptable	
9S-d10THC	1	0.0180	0.017	%	103	80.0	- 120	Acceptable	
CBL	2	0.0348	0.035	%	101	90.0	- 110	Acceptable	
9R-d10THC	1	0.0168	0.016	%	107	80.0	- 120	Acceptable	
CB	2	0.0351	0.035	%	101	80.0	- 120	Acceptable	
THCA	1	0.0323	0.032	%	102	80.0	- 120	Acceptable	
CBCA	2	0.0334	0.034	%	97.2	80.0	- 120	Acceptable	
CBLA	2	0.0349	0.035	%	100	90.0	- 110	Acceptable	
CBT	2	0.0366	0.035	%	104	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	
9S-d10THC	<LOQ	0.003	%	< 0.003	Acceptable	
CBL	<LOQ	0.003	%	< 0.003	Acceptable	
9R-d10THC	<LOQ	0.003	%	< 0.003	Acceptable	
CB	<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: 2300768						
Sample Duplicate		Sample ID: 23-000884-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	0.0349	0.0357	0.03	%	2.31	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBDA	14.6	14.7	0.03	%	0.104	< 20	Acceptable	
CBGA	0.349	0.371	0.03	%	6.07	< 20	Acceptable	
CBG	0.0358	0.0375	0.03	%	4.52	< 20	Acceptable	
CBD	0.402	0.402	0.03	%	0.126	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
d9THC	0.0569	0.0580	0.03	%	1.94	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBC	0.0485	0.0478	0.03	%	1.44	< 20	Acceptable	
THCA	0.569	0.577	0.03	%	1.35	< 20	Acceptable	
CBCA	0.747	0.752	0.03	%	0.648	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.03	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.03	%	NA	< 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.