



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

**Report Number:** 23-000730/D007.R000  
**Report Date:** 01/24/2023  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 01/18/23 12:30

**Customer:** Brothers Apothecary  
**Product identity:** CBG Tea Compressed 1.2  
**Client/Metric ID:** .  
**Laboratory ID:** 23-000730-0010

### Summary

**Potency:**

Analyte	Result	Limits	Units	Status
CBD	0.00524		%	
CBG	1.01		%	
CBG-A	0.0483		%	
Δ9-THC	0.00986		%	
<b>Analyte per 1g</b>	<b>Result</b>	<b>Limits</b>	<b>Units</b>	<b>Status</b>
CBD per 1g	0.0524		mg/1g	
CBG per 1g	10.1		mg/1g	
CBG-A per 1g	0.483		mg/1g	
Δ9-THC per 1g	0.0986		mg/1g	

  

THC-Total per Serving Size	0.0986 mg/1g
CBG-Total per Serving Size	0.0749 mg/1g
(Reported in milligrams per serving)	

**Supplemental Testing Notes:**

Testing for "Midnight Dream CBG Tea", estimated 35-40mg CBG/serving.

Total Net Weight of Sample: 4.23g

**Total Sample Analysis:**

42.72mg CBG/tea bag  
 0.316mg CBD/tea bag  
 0.417mg THC/tea bag



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

**Product identity:** CBG Tea Compressed 1.2

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 23-000730-0010

**Evidence of Cooling:** No

**Temp:** 20.1 °C

**Relinquished by:** Client

**Serving Size #1:** 1 g

### Sample Results

Potency	Method: J AOAC 2015 V98-6 (mod) <sup>b</sup>	Units %	Batch: 2300640	Analyze: 1/20/23 10:33:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBD	0.00524		%	0.00314	
CBD-A	< LOQ		%	0.00314	
CBD-Total	< LOQ		%	0.00590	
CBG	1.01		%	0.0314	
CBG-A	0.0483		%	0.00314	
CBG-Total	1.05		%	0.0341	
CBN	< LOQ		%	0.00314	
Δ10-THC-9R	< LOQ		%	0.00314	
Δ8-THC	< LOQ		%	0.00314	
Δ9-THC	0.00986		%	0.00314	
THC-A	< LOQ		%	0.00314	
THC-Total	0.00986		%	0.00590	
<b>Total Cannabinoids</b>	<b>1.07</b>		%		

Potency per 1g	Method: J AOAC 2015 V98-6 (mod) <sup>b</sup>	Units mg/se	Batch: 2300640	Analyze: 1/20/23 10:33:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBD per 1g	0.0524		mg/1g	0.0314	
CBD-A per 1g	< LOQ		mg/1g	0.0314	
CBD-Total per 1g	0.0749		mg/1g	0.0590	
CBG per 1g	10.1		mg/1g	0.314	
CBG-A per 1g	0.483		mg/1g	0.0314	
CBG-Total per 1g	10.5		mg/1g	0.341	
CBN per 1g	< LOQ		mg/1g	0.0314	
Δ10-THC-9R per 1g	< LOQ		mg/1g	0.0314	
Δ8-THC per 1g	< LOQ		mg/1g	0.0314	
Δ9-THC per 1g	0.0986		mg/1g	0.0314	
THC-A per 1g	< LOQ		mg/1g	0.0314	
THC-Total per 1g	0.0986		mg/1g	0.0590	



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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: 2300640

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.0328	0.033	%	98.2	80.0	- 120	Acceptable	
CBDV	2	0.0353	0.035	%	99.9	80.0	- 120	Acceptable	
CBE	2	0.0334	0.035	%	95.5	80.0	- 120	Acceptable	
CBDA	1	0.0329	0.032	%	103	90.0	- 110	Acceptable	
CBGA	1	0.0329	0.032	%	103	80.0	- 120	Acceptable	
CBG	1	0.0340	0.033	%	103	80.0	- 120	Acceptable	
CBD	1	0.0332	0.032	%	103	90.0	- 110	Acceptable	
THCV	2	0.0345	0.035	%	97.2	80.0	- 120	Acceptable	
d8THCV	2	0.0346	0.034	%	100	80.0	- 120	Acceptable	
THCVA	2	0.0325	0.033	%	98.5	80.0	- 120	Acceptable	
CBN	1	0.0343	0.034	%	101	80.0	- 120	Acceptable	
exo-THC	2	0.0321	0.032	%	99.0	80.0	- 120	Acceptable	
d9THC	1	0.0345	0.035	%	99.0	90.0	- 110	Acceptable	
d8THC	1	0.0315	0.033	%	94.1	90.0	- 110	Acceptable	
CBL	2	0.0332	0.035	%	96.0	80.0	- 120	Acceptable	
d10THC	1	0.0157	0.016	%	99.7	80.0	- 120	Acceptable	
CBC	2	0.0337	0.035	%	97.3	80.0	- 120	Acceptable	
THCA	1	0.0339	0.032	%	107	90.0	- 110	Acceptable	
CBCA	2	0.0338	0.034	%	98.4	80.0	- 120	Acceptable	
CBLA	2	0.0344	0.035	%	98.4	80.0	- 120	Acceptable	
CBT	2	0.0331	0.035	%	94.3	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			
CBL	<LOQ	0.003	%	< 0.003		Acceptable			
d10THC	<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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Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2300640						
Sample Duplicate		Sample ID: 23-000706-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG	0.0073	0.0075	0.003	%	2.81	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.003	%	NA	< 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	0.0088	0.0091	0.003	%	2.54	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d9THC	0.254	0.260	0.003	%	2.23	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d10THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.003	%	NA	< 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	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	

Abbreviations

ND - None Detected at or above MRL  
RPD - Relative Percent Difference  
LOQ - Limit of Quantitation

Units of Measure:



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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.