



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



**Report Number:** 24-003516/D001.R000  
**Report Date:** 04/08/2024  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 04/01/24 09:18

**Customer:** Brothers Apothecary  
**Product identity:** CBD Matcha 1.1  
**Client/Metric ID:** .  
**Laboratory ID:** 24-003516-0001

### Summary

**Potency:**

Analyte per 2g	Result	Limits	Units	Status	
CBD per 2g	12.6		mg/2g		CBD-Total per Serving Size 12.6 mg/2g
					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:** CBD Matcha 1.1

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 24-003516-0001

**Evidence of Cooling:** No

**Temp:** 18.8 °C

**Serving Size #1:** 2 g

### Sample Results

Potency per 2g		Method: J AOAC 2015 V98-6 (mod)		Units mg/se	Batch: 2402521	Analyze: 4/3/24 5:35:00 AM
Analyte	Result	Limits	Units	LOQ	Notes	
CBD per 2g	12.6		mg/2g	0.0628		
CBD-A per 2g <sup>±</sup>	< LOQ		mg/2g	0.0628		
CBD-Total per 2g <sup>±</sup>	12.6		mg/2g	0.118		
CBG per 2g	< LOQ		mg/2g	0.0628		
CBG-A per 2g	< LOQ		mg/2g	0.0628		
CBG-Total per 2g	< LOQ		mg/2g	0.117		
CBN per 2g	< LOQ		mg/2g	0.0628		
Δ10-THC-9R per 2g	< LOQ		mg/2g	0.0628		
Δ10-THC-9S per 2g	< LOQ		mg/2g	0.0628		
Δ10-THC-Total per 2g	< LOQ		mg/2g	0.126		
Δ8-THC per 2g <sup>±</sup>	< LOQ		mg/2g	0.0628		
Δ9-THC per 2g <sup>±</sup>	< LOQ		mg/2g	0.0628		
THC-A per 2g <sup>±</sup>	< LOQ		mg/2g	0.0628		
THC-Total per 2g	< LOQ		mg/2g	0.118		



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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.

Ⓐ = ISO/IEC 17025:2017 accredited method.

¥ = TNI accredited analyte.

**Units of Measure**

g = g

mg/2g = Milligram per 2g

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner  
General Manager



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**Hemp & Cannabis  
Chain of Custody**

**The-Apothecary-LLC-  
1711750324**

ORELAP ID: **OR1000028** ANAB ISO 17025 ID: **AT1508**

Company Details				Project Details			Testing
Company: <u>The Apothecary LLC</u> Contact: <u>Jesse Richardson</u> Street Address: <u>825 SE Madison St Ste C</u> City, State, Zip: <u>Portland, OR 97214</u> Email: <u>jesse@brotherstea.com</u> Contact Phone: <u>8186534634</u> <b>Billing Information</b> Billing Email: <u>jesse@brotherstea.com</u>				Turnaround Time: <u>5 Business Days   Reg. For Micro Testing   Standard</u> Relinquishment   Sampling, Courier & Shipping Options: <u>Drop Off at Laboratory</u> Compliance: <u>Research and Development (RND)</u> License Type: <u>ODA</u> License #: <u>AG-R1090672 JHH</u> Project Name / ID: <u>COL-BR-18</u> Cannabis Type (select if applicable): <u>Industrial</u> <b>Receipt Information</b> Pre-Log Storage: <u>Canna Shelves</u> Sample Condition: <u>Satisfactory</u>			
#	Sample Name	Material	Amount Provided	Reporting Unit	Serving Size	Additional Test Requests and Sample Comments	
1	CBD Matcha 1.1	Cannabinoid Edible	2 g	mg/g & mg/serving	2 g	N/A	✓
2	CBD Protein 1.1	Cannabinoid Edible	25 g	mg/g & mg/serving	25 g	N/A	✓
3	CBD Slumber Bath Soak 1.1	Cannabinoid Soaking/Bath Salts	42 g	mg/g & mg/serving	42 g	N/A	✓
4	CBD Honey Drop 1.1	Cannabinoid Edible	3 g	mg/g & mg/serving	3 g	N/A	✓
5	CBD Stomach Soother 1.1	Cannabinoid Tincture	4.4 g	mg/volume (mg/mL, mg/fl.oz)	2 g	1 Serving = 1ml	✓
6	CBD Dragon's Lair	Cannabinoid Tincture	2.8 g	mg/volume (mg/mL, mg/fl.oz)	2 g	1 Serving = 1ml	✓
7	CBD Honey	Cannabinoid Edible	9.25 g	mg/g & mg/serving	7 g	N/A	✓
8	CBD Extra Strength Pain Away 1.1	Essential Oil	10 ml	mg/volume (mg/mL, mg/fl.oz)	2 g	N/A	✓
9	CBD Essential Oil Roller 1.1	Essential Oil	10 ml	mg/volume (mg/mL, mg/fl.oz)	2 g	N/A	✓
10	CBD Buzz Balm 1.1	Cannabinoid Topical	11.5 g	mg/g & mg/serving	N/A	N/A	✓

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	Evidence of Cooling?
<i>Jesse Richardson</i>	<i>03/29/2024</i>	<i>15:12</i>	<i>ont</i>	<i>04/01/2024</i>	<i>09:18</i>	<i>18.80</i>	<i>No</i>

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the [current terms of services](#) associated with this COC. By signing "Relinquished by" you are agreeing to these terms.

Columbia Laboratories  
12423 NE Whitaker Way  
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1711750324**

ORELAP ID: **OR1000028** ANAB ISO 17025 ID: **AT1508**

<b>Company Details</b> Company: <u>The Apothecary LLC</u> Contact: <u>Jesse Richardson</u> Street Address: <u>825 SE Madison St Ste C</u> City, State, Zip: <u>Portland, OR 97214</u> Email: <u>jesse@brotherstea.com</u> Contact Phone: <u>8186534634</u>  <b>Billing Information</b> Billing Email: <u>jesse@brotherstea.com</u>				<b>Project Details</b> Turnaround Time: <u>5 Business Days   Reg. For Micro Testing   Standard</u> Relinquishment   Sampling, Courier & Shipping Options: <u>Drop Off at Laboratory</u> Compliance: <u>Research and Development (RND)</u> License Type: <u>QDA</u> License #: <u>AG-R1090672 IHH</u> Project Name / ID: <u>COL-BR-18</u> Cannabis Type (select if applicable): <u>Industrial</u>  <b>Receipt Information</b> Pre-Log Storage: <u>Canna Shelves</u> Sample Condition: <u>Satisfactory</u>			Testing H004 - Potency Cannabis (Basic)
#	Sample Name	Material	Amount Provided	Reporting Unit	Serving Size	Additional Test Requests and Sample Comments	
11	CBD Rosehip Face Cream 1.1	Cannabinoid Topical	10.2 g	mg/g & mg/serving	N/A	N/A	✓
12	CBD Body Butter 1.1	Cannabinoid Topical	16.1 g	mg/g & mg/serving	0 g	N/A	✓
13	CBD Tea 1.1	Cannabinoid Edible	6.8 g	mg/g & mg/serving	1 each	N/A	✓
14	CBD Tea 1.2	Cannabinoid Edible	6.1 g	mg/g & mg/serving	1 each	N/A	✓

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	Evidence of Cooling?
<i>Jesse Richardson</i>	<i>03/29/2024</i>	<i>15:12</i>	<i>ent</i>	<i>04/01/2024</i>	<i>09:18</i>	<i>18.80</i>	<i>No</i>

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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: 2402521

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.0327	0.0324	%	101	80.0	- 120	Acceptable	
CBDV	2	0.0348	0.0346	%	100	80.0	- 120	Acceptable	
CBE	2	0.0348	0.0348	%	99.9	80.0	- 120	Acceptable	
CBDA	1	0.0318	0.0319	%	99.8	90.0	- 110	Acceptable	
CBGA	1	0.0315	0.0316	%	99.8	80.0	- 120	Acceptable	
CBG	1	0.0364	0.0366	%	99.5	80.0	- 120	Acceptable	
CBD	1	0.0353	0.0355	%	99.3	90.0	- 110	Acceptable	
THCV	2	0.0360	0.0356	%	101	80.0	- 120	Acceptable	
d8THCV	2	0.0225	0.0226	%	99.4	80.0	- 120	Acceptable	
THCA	2	0.0319	0.0317	%	101	80.0	- 120	Acceptable	
CBN	1	0.0333	0.0334	%	99.8	80.0	- 120	Acceptable	
exo-THC	2	0.0354	0.0355	%	99.6	80.0	- 120	Acceptable	
d9THC	1	0.0366	0.0355	%	103	90.0	- 110	Acceptable	
d8THC	1	0.0321	0.0339	%	94.7	90.0	- 110	Acceptable	
9S-d10THC	1	0.0328	0.0333	%	98.5	80.0	- 120	Acceptable	
CBL	2	0.0340	0.0352	%	96.7	80.0	- 120	Acceptable	
9R-d10THC	1	0.0316	0.0326	%	97.1	80.0	- 120	Acceptable	
CBC	2	0.0352	0.0353	%	99.8	80.0	- 120	Acceptable	
THCA	1	0.0324	0.0320	%	101	90.0	- 110	Acceptable	
CBGA	2	0.0334	0.0327	%	102	80.0	- 120	Acceptable	
CBLA	2	0.0345	0.0345	%	99.9	80.0	- 120	Acceptable	
d9THCP	2	0.0324	0.0330	%	98.2	80.0	- 120	Acceptable	
CBT	2	0.0328	0.0349	%	94.0	80.0	- 120	Acceptable	

Method Blank						
Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.0007	%	< 0.0007	Acceptable	
CBDV	<LOQ	0.0007	%	< 0.0007	Acceptable	
CBE	<LOQ	0.0007	%	< 0.0007	Acceptable	
CBDA	<LOQ	0.0007	%	< 0.0007	Acceptable	
CBGA	<LOQ	0.0007	%	< 0.0007	Acceptable	
CBG	<LOQ	0.0007	%	< 0.0007	Acceptable	
CBD	<LOQ	0.0007	%	< 0.0007	Acceptable	
THCV	<LOQ	0.0007	%	< 0.0007	Acceptable	
d8THCV	<LOQ	0.0007	%	< 0.0007	Acceptable	
THCA	<LOQ	0.0007	%	< 0.0007	Acceptable	
CBN	<LOQ	0.0007	%	< 0.0007	Acceptable	
exo-THC	<LOQ	0.0007	%	< 0.0007	Acceptable	
d9THC	<LOQ	0.0007	%	< 0.0007	Acceptable	
d8THC	<LOQ	0.0007	%	< 0.0007	Acceptable	
9S-d10THC	<LOQ	0.0007	%	< 0.0007	Acceptable	
CBL	<LOQ	0.0007	%	< 0.0007	Acceptable	
9R-d10THC	<LOQ	0.0007	%	< 0.0007	Acceptable	
CBC	<LOQ	0.0007	%	< 0.0007	Acceptable	
THCA	<LOQ	0.0007	%	< 0.0007	Acceptable	
CBGA	<LOQ	0.0007	%	< 0.0007	Acceptable	
CBLA	<LOQ	0.0007	%	< 0.0007	Acceptable	
d9THCP	<LOQ	0.0007	%	< 0.0007	Acceptable	
CBT	<LOQ	0.0007	%	< 0.0007	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: 4 Document ID: 7148  
 Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2402521						
Sample Duplicate		Sample ID: 24-003439-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00306	%	NA	< 20	Acceptable	
CBDV	0.00404	0.00444	0.00306	%	9.34	< 20	Acceptable	
CBE	0.0146	0.0145	0.00306	%	0.434	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.00306	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00306	%	NA	< 20	Acceptable	
CBG	0.250	0.249	0.00306	%	0.415	< 20	Acceptable	
CBD	0.503	0.502	0.00306	%	0.215	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.00306	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00306	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00306	%	NA	< 20	Acceptable	
CBN	0.00387	0.00382	0.00306	%	1.18	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00306	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.00306	%	NA	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00306	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00306	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00306	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00306	%	NA	< 20	Acceptable	
CBC	0.00387	0.00386	0.00306	%	0.252	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00306	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.00306	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00306	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00306	%	NA	< 20	Acceptable	
CBT	0.0113	0.0112	0.00306	%	0.935	< 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.