



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



Report Number: 24-003516/D010.R000
Report Date: 04/08/2024
ORELAP#: OR100028
Purchase Order:
Received: 04/01/24 09:18

Customer: Brothers Apothecary
Product identity: CBD Buzz Balm 1.1
Client/Metric ID: .
Laboratory ID: 24-003516-0010

Summary

Potency:

Analyte per 0.1g	Result	Limits	Units	Status	
CBD per 0.1g	0.196		mg/0.1g		CBD-Total per Serving Size 0.196 mg/0.1g
					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 Buzz Balm 1.1

Client/Metric ID: .

Sample Date:

Laboratory ID: 24-003516-0010

Evidence of Cooling: No

Temp: 18.8 °C

Serving Size #1: 0.1 g

Sample Results

Potency per 0.1g	Method: J AOAC 2015 V98-6 (mod)	Units mg/se	Batch: 2402532	Analyze: 4/3/24 1:24:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBD per 0.1g	0.196		mg/0.1g	0.00311	
CBD-A per 0.1g [±]	< LOQ		mg/0.1g	0.358	
CBD-Total per 0.1g [±]	0.196		mg/0.1g	0.00584	
CBG per 0.1g	< LOQ		mg/0.1g	0.358	
CBG-A per 0.1g	< LOQ		mg/0.1g	0.358	
CBG-Total per 0.1g	< LOQ		mg/0.1g	0.668	
CBN per 0.1g	< LOQ		mg/0.1g	0.358	
Δ10-THC-9R per 0.1g	< LOQ		mg/0.1g	0.358	
Δ10-THC-9S per 0.1g	< LOQ		mg/0.1g	0.358	
Δ10-THC-Total per 0.1g	< LOQ		mg/0.1g	0.715	
Δ8-THC per 0.1g [±]	< LOQ		mg/0.1g	0.358	
Δ9-THC per 0.1g [±]	< LOQ		mg/0.1g	0.358	
THC-A per 0.1g [±]	< LOQ		mg/0.1g	0.358	
THC-Total per 0.1g	< LOQ		mg/0.1g	0.671	



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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/0.1g = Milligram per 0.1g

% = 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: The Apothecary LLC Contact: Jesse Richardson Street Address: 825 SE Madison St Ste C City, State, Zip: Portland, OR 97214 Email: jesse@brotherstea.com Contact Phone: 8186534634 Billing Information Billing Email: jesse@brotherstea.com				Turnaround Time: 5 Business Days Reg. For Micro Testing Standard Relinquishment Sampling, Courier & Shipping Options: Drop Off at Laboratory Compliance: Research and Development (RND) License Type: ODA License #: AG-R1090672 JHH Project Name / ID: COL-BR-18 Cannabis Type (select if applicable): Industrial			
Receipt Information Pre-Log Storage: Canna Shelves Sample Condition: Satisfactory							
#	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
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**Hemp & Cannabis
Chain of Custody**

**The-Apothecary-LLC-
1711750324**

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

Company Details 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> Billing Information Billing Email: <u>jesse@brotherstea.com</u>				Project Details 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> Receipt Information 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: 2402532

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.0315	0.0324	%	97.3	80.0	- 120	Acceptable	
CBDV	2	0.0341	0.0346	%	98.5	80.0	- 120	Acceptable	
CBE	2	0.0335	0.0348	%	96.3	80.0	- 120	Acceptable	
CBDA	1	0.0308	0.0319	%	96.8	90.0	- 110	Acceptable	
CBGA	1	0.0305	0.0316	%	96.4	80.0	- 120	Acceptable	
CBG	1	0.0354	0.0366	%	96.6	80.0	- 120	Acceptable	
CBD	1	0.0340	0.0355	%	95.7	90.0	- 110	Acceptable	
THCV	2	0.0347	0.0356	%	97.5	80.0	- 120	Acceptable	
d8THCV	2	0.0219	0.0226	%	96.9	80.0	- 120	Acceptable	
THCVA	2	0.0309	0.0317	%	97.3	80.0	- 120	Acceptable	
CBN	1	0.0326	0.0334	%	97.7	80.0	- 120	Acceptable	
exo-THC	2	0.0347	0.0355	%	97.7	80.0	- 120	Acceptable	
d9THC	1	0.0355	0.0355	%	100	90.0	- 110	Acceptable	
d8THC	1	0.0325	0.0339	%	95.7	90.0	- 110	Acceptable	
9S-d10THC	1	0.0326	0.0333	%	97.8	80.0	- 120	Acceptable	
CBL	2	0.0344	0.0352	%	97.9	80.0	- 120	Acceptable	
9R-d10THC	1	0.0315	0.0326	%	96.7	80.0	- 120	Acceptable	
CBC	2	0.0342	0.0353	%	96.8	80.0	- 120	Acceptable	
THCA	1	0.0308	0.0320	%	96.2	90.0	- 110	Acceptable	
CBCA	2	0.0322	0.0327	%	98.6	80.0	- 120	Acceptable	
CBLA	2	0.0334	0.0345	%	96.8	80.0	- 120	Acceptable	
d9THCP	2	0.0321	0.0330	%	97.1	80.0	- 120	Acceptable	
CBT	2	0.0340	0.0349	%	97.5	80.0	- 120	Acceptable	

Method Blank						
Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00331	%	< 0.00331	Acceptable	
CBDV	<LOQ	0.00331	%	< 0.00331	Acceptable	
CBE	<LOQ	0.00331	%	< 0.00331	Acceptable	
CBDA	<LOQ	0.00331	%	< 0.00331	Acceptable	
CBGA	<LOQ	0.00331	%	< 0.00331	Acceptable	
CBG	<LOQ	0.00331	%	< 0.00331	Acceptable	
CBD	<LOQ	0.00331	%	< 0.00331	Acceptable	
THCV	<LOQ	0.00331	%	< 0.00331	Acceptable	
d8THCV	<LOQ	0.00331	%	< 0.00331	Acceptable	
THCVA	<LOQ	0.00331	%	< 0.00331	Acceptable	
CBN	<LOQ	0.00331	%	< 0.00331	Acceptable	
exo-THC	<LOQ	0.00331	%	< 0.00331	Acceptable	
d9THC	<LOQ	0.00331	%	< 0.00331	Acceptable	
d8THC	<LOQ	0.00331	%	< 0.00331	Acceptable	
9S-d10THC	<LOQ	0.00331	%	< 0.00331	Acceptable	
CBL	<LOQ	0.00331	%	< 0.00331	Acceptable	
9R-d10THC	<LOQ	0.00331	%	< 0.00331	Acceptable	
CBC	<LOQ	0.00331	%	< 0.00331	Acceptable	
THCA	<LOQ	0.00331	%	< 0.00331	Acceptable	
CBCA	<LOQ	0.00331	%	< 0.00331	Acceptable	
CBLA	<LOQ	0.00331	%	< 0.00331	Acceptable	
d9THCP	<LOQ	0.00331	%	< 0.00331	Acceptable	
CBT	<LOQ	0.00331	%	< 0.00331	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: 2402532						
Sample Duplicate		Sample ID: 24-003497-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00314	%	NA	< 20	Acceptable	
CBDV	0.0313	0.0321	0.00314	%	2.59	< 20	Acceptable	
CBE	0.0211	0.0226	0.00314	%	7.21	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.00314	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00314	%	NA	< 20	Acceptable	
CBG	0.0339	0.0353	0.00314	%	4.24	< 20	Acceptable	
CBD	2.27	2.40	0.00314	%	5.81	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.00314	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00314	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00314	%	NA	< 20	Acceptable	
CBN	0.00747	0.00796	0.00314	%	6.35	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00314	%	NA	< 20	Acceptable	
d9THC	0.0751	0.0790	0.00314	%	4.96	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00314	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00314	%	NA	< 20	Acceptable	
CBL	0.0100	0.0103	0.00314	%	2.48	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00314	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.00314	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00314	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.00314	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00314	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00314	%	NA	< 20	Acceptable	
CBT	0.185	0.194	0.00314	%	4.61	< 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.