



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



Report Number: 24-007965/D001.R000
Report Date: 07/30/2024
ORELAP#: OR100028
Purchase Order:
Received: 07/23/24 09:06

Customer: Brothers Apothecary
Product identity: CBD Tea 1.1
Client/Metric ID: .
Laboratory ID: 24-007965-0001

Summary

Potency:

Analyte per 5.4g	Result	Limits	Units	Status	
CBD per 5.4g	27.3		mg/5.4g		CBD-Total per Serving Size 35.9 mg/5.4g
CBD-A per 5.4g	9.83		mg/5.4g		
CBG per 5.4g	0.401		mg/5.4g		Delta-9-THC-Total per 1.39 mg/5.4g
Δ9-THC per 5.4g	1.39		mg/5.4g		(Reported in milligrams per serving)

Supplemental Testing Notes:
Sample for "Single-Steep" blends
Breathe Well
Herba Mate



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

Product identity: CBD Tea 1.1
Client/Metric ID: .
Sample Date:
Laboratory ID: 24-007965-0001
Evidence of Cooling: No
Temp: 21.8 °C
Relinquished by: client
Serving Size #1: 5.4 g

Sample Results

Potency per 5.4g					
Method: J AOAC 2015 V98-6 (mod) ^b					
Units mg/se Batch: 2405653 Analyze: 7/26/24 2:45:00 AM					
Analyte	Result	Limits	Units	LOQ	Notes
CBD per 5.4g	27.3		mg/5.4g	0.171	
CBD-A per 5.4g [±]	9.83		mg/5.4g	0.171	
CBD-Total per 5.4g [±]	35.9		mg/5.4g	0.322	
CBG per 5.4g	0.401		mg/5.4g	0.171	
CBG-A per 5.4g	< LOQ		mg/5.4g	0.171	
CBG-Total per 5.4g	0.401		mg/5.4g	0.320	
CBN per 5.4g	< LOQ		mg/5.4g	0.171	
Δ10-THC-9R per 5.4g	< LOQ		mg/5.4g	0.171	
Δ10-THC-9S per 5.4g	< LOQ		mg/5.4g	0.171	
Δ10-THC-Total per 5.4g	< LOQ		mg/5.4g	0.343	
Δ8-THC per 5.4g [±]	< LOQ		mg/5.4g	0.171	
Δ9-THC per 5.4g [±]	1.39		mg/5.4g	0.171	
Δ9-THC-Total per 5.4g	1.39		mg/5.4g	0.322	
THC-A per 5.4g [±]	< LOQ		mg/5.4g	0.171	



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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.

^p = ISO/IEC 17025:2017 accredited method.

[⊥] = TNI accredited analyte.

Units of Measure

g = Gram

mg/5.4g = Milligram per 5.4g

% = Percentage of sample

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

Approved Signatory

Derrick Tanner
General Manager



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**Hemp & Cannabis
 Chain of Custody**

**The-Brothers-
 Apothecary-1721690258**

Company Details Company: <u>The Brothers Apothecary</u> Contact: <u>Jesse Richardson</u> Street Address: <u>825 SE Madison St., Suite 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 Req. 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> Project Name / ID: <u>BR-COL24-01</u> Receipt Information Prelog Storage: <u>Canna Shelves</u> Sample Condition: <u>Satisfactory</u>		Testing H0014 - Potency Cannabis (Basic)	
#	Sample Name	Material	Reporting Unit	Amount Provided	
1	CBD Tea 1.1	Cannabinoid Edible	mg/g	5.4 g	✓
2	CBG Tea 1.1	Cannabinoid Edible	mg/g	4.5 g	✓
3	CBD Capsule 1.1	Cannabinoid Edible	mg/g	.43 g	✓
4	Flora Sleep 1.1	Cannabinoid Edible	mg/g	.37 g	✓
5	Flora Sleep 1.2	Cannabinoid Edible	mg/g	.41 g	✓
6	CBD Tea Single Steep 1.1	Cannabinoid Edible	mg/g	3.6 g	✓

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	Evidence of Cooling?
<i>Jesse Richardson</i>	<i>07/22/2024</i>	<i>16:17</i>	<i>EM</i>	<i>07/23/2024</i>	<i>09:06</i>	<i>21.80</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
 Portland, OR 97230

P: (503) 254-1794
info@columbialaboratories.com

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www.columbialaboratories.com



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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: 2405653

Laboratory Control Sample										
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes	
CBDVA	2	0.0311	0.0320	%	97.4	80.0	- 120	Acceptable		
CBDV	2	0.0324	0.0342	%	94.6	80.0	- 120	Acceptable		
CBE	2	0.0329	0.0341	%	96.3	80.0	- 120	Acceptable		
CBDA	1	0.0292	0.0301	%	97.1	90.0	- 110	Acceptable		
CBGA	1	0.0296	0.0306	%	96.9	80.0	- 120	Acceptable		
CBG	1	0.0349	0.0362	%	96.3	80.0	- 120	Acceptable		
CBD	1	0.0371	0.0350	%	106	90.0	- 110	Acceptable		
THCV	2	0.0283	0.0293	%	96.7	80.0	- 120	Acceptable		
d8THCV	2	0.0303	0.0319	%	94.9	80.0	- 120	Acceptable		
THCVA	2	0.0309	0.0319	%	96.9	80.0	- 120	Acceptable		
CBN	1	0.0320	0.0332	%	96.3	80.0	- 120	Acceptable		
exo-THC	2	0.0302	0.0318	%	95.1	80.0	- 120	Acceptable		
d9THC	1	0.0333	0.0340	%	97.8	90.0	- 110	Acceptable		
d8THC	1	0.0281	0.0303	%	92.6	90.0	- 110	Acceptable		
9S-d10THC	1	0.0298	0.0318	%	93.8	80.0	- 120	Acceptable		
CBL	2	0.0307	0.0329	%	93.2	80.0	- 120	Acceptable		
9R-d10THC	1	0.0289	0.0312	%	92.5	80.0	- 120	Acceptable		
CBC	2	0.0323	0.0344	%	93.9	80.0	- 120	Acceptable		
THCA	1	0.0306	0.0307	%	99.7	90.0	- 110	Acceptable		
CBCA	2	0.0319	0.0331	%	96.5	80.0	- 120	Acceptable		
CBLA	2	0.0325	0.0337	%	96.5	80.0	- 120	Acceptable		
d9THCP	2	0.0307	0.0330	%	93.1	80.0	- 120	Acceptable		
CBT	2	0.0298	0.0339	%	87.7	80.0	- 120	Acceptable		

Method Blank							
Analyte	Result	LOQ	Units	Limits	Evaluation	Notes	
CBDVA	<LOQ	0.00333	%	< 0.00333	Acceptable		
CBDV	<LOQ	0.00333	%	< 0.00333	Acceptable		
CBE	<LOQ	0.00333	%	< 0.00333	Acceptable		
CBDA	<LOQ	0.00333	%	< 0.00333	Acceptable		
CBGA	<LOQ	0.00333	%	< 0.00333	Acceptable		
CBG	<LOQ	0.00333	%	< 0.00333	Acceptable		
CBD	<LOQ	0.00333	%	< 0.00333	Acceptable		
THCV	<LOQ	0.00333	%	< 0.00333	Acceptable		
d8THCV	<LOQ	0.00333	%	< 0.00333	Acceptable		
THCVA	<LOQ	0.00333	%	< 0.00333	Acceptable		
CBN	<LOQ	0.00333	%	< 0.00333	Acceptable		
exo-THC	<LOQ	0.00333	%	< 0.00333	Acceptable		
d9THC	<LOQ	0.00333	%	< 0.00333	Acceptable		
d8THC	<LOQ	0.00333	%	< 0.00333	Acceptable		
9S-d10THC	<LOQ	0.00333	%	< 0.00333	Acceptable		
CBL	<LOQ	0.00333	%	< 0.00333	Acceptable		
9R-d10THC	<LOQ	0.00333	%	< 0.00333	Acceptable		
CBC	<LOQ	0.00333	%	< 0.00333	Acceptable		
THCA	<LOQ	0.00333	%	< 0.00333	Acceptable		
CBCA	<LOQ	0.00333	%	< 0.00333	Acceptable		
CBLA	<LOQ	0.00333	%	< 0.00333	Acceptable		
d9THCP	<LOQ	0.00333	%	< 0.00333	Acceptable		
CBT	<LOQ	0.00333	%	< 0.00333	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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 Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

AOAC 2015 V98-6		Batch ID: 2405653						
Sample Duplicate		Sample ID: 24-007965-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	
CBDV	0.00557	0.00587	0.00309	%	5.10	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	
CBDA	0.183	0.182	0.00309	%	0.660	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	
CBG	0.00756	0.00742	0.00309	%	1.86	< 20	Acceptable	
CBD	0.512	0.506	0.00309	%	1.22	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	
d9THC	0.0260	0.0258	0.00309	%	0.883	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	
CBC	0.0214	0.0213	0.00309	%	0.434	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	
CBCA	0.00628	0.00608	0.00309	%	3.21	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.00309	%	NA	< 20	Acceptable	

Abbreviations

ND - None Detected at or above MRL
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 LOQ - Limit of Quantitation

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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.