



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



Report Number: 24-007965/D003.R000
Report Date: 07/30/2024
ORELAP#: OR100028
Purchase Order:
Received: 07/23/24 09:06

Customer: Brothers Apothecary
Product identity: CBD Capsule 1.1
Client/Metric ID: .
Laboratory ID: 24-007965-0003

Summary

Potency:

Analyte per 0.43g	Result	Limits	Units	Status	
CBD per 0.43g	4.17		mg/0.43g		CBD-Total per Serving Size 5.12 mg/0.43g
CBD-A per 0.43g	1.09		mg/0.43g		
CBG per 0.43g	0.0671		mg/0.43g		Delta-9-THC-Total per 0.166 mg/0.43g
CBG-A per 0.43g	0.0229		mg/0.43g		
Δ9-THC per 0.43g	0.166		mg/0.43g		(Reported in milligrams per serving)



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

Product identity: CBD Capsule 1.1
Client/Metric ID: .
Sample Date:
Laboratory ID: 24-007965-0003
Evidence of Cooling: No
Temp: 21.8 °C
Relinquished by: client
Serving Size #1: 0.43 g

Sample Results

Potency per 0.43g		Method: J AOAC 2015 V98-6 (mod) ^b	Units mg/se	Batch: 2405612	Analyze: 7/24/24 6:44:00 PM
Analyte	Result	Limits	Units	LOQ	Notes
CBD per 0.43g	4.17		mg/0.43g	0.137	
CBD-A per 0.43g [±]	1.09		mg/0.43g	0.0137	
CBD-Total per 0.43g [±]	5.12		mg/0.43g	0.149	
CBG per 0.43g	0.0671		mg/0.43g	0.0137	
CBG-A per 0.43g	0.0229		mg/0.43g	0.0137	
CBG-Total per 0.43g	0.0869		mg/0.43g	0.0256	
CBN per 0.43g	< LOQ		mg/0.43g	0.0137	
Δ10-THC-9R per 0.43g	< LOQ		mg/0.43g	0.0137	
Δ10-THC-9S per 0.43g	< LOQ		mg/0.43g	0.0137	
Δ10-THC-Total per 0.43g	< LOQ		mg/0.43g	0.0274	
Δ8-THC per 0.43g [±]	< LOQ		mg/0.43g	0.0137	
Δ9-THC per 0.43g [±]	0.166		mg/0.43g	0.0137	
Δ9-THC-Total per 0.43g	0.166		mg/0.43g	0.0257	
THC-A per 0.43g [±]	< LOQ		mg/0.43g	0.0137	



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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 = Gram

mg/0.43g = Milligram per 0.43g

% = 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-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>OK</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

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info@columbialaboratories.com

Page 1 of 1
www.columbialaboratories.com


Laboratory Quality Control Results
J AOAC 2015 V98-6 **Batch ID: 2405612**
Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	2	0.0314	0.0315	%	99.4	80.0 - 120	Acceptable	
CBDV	2	0.0326	0.0338	%	96.6	80.0 - 120	Acceptable	
CBE	2	0.0330	0.0337	%	98.0	80.0 - 120	Acceptable	
CBDA	1	0.0300	0.0307	%	97.7	90.0 - 110	Acceptable	
CBGA	1	0.0303	0.0312	%	97.3	80.0 - 120	Acceptable	
CBG	1	0.0357	0.0370	%	96.5	80.0 - 120	Acceptable	
CBD	1	0.0342	0.0357	%	95.9	90.0 - 110	Acceptable	
THCV	2	0.0283	0.0289	%	97.9	80.0 - 120	Acceptable	
d8THCV	2	0.0304	0.0315	%	96.8	80.0 - 120	Acceptable	
THCVA	2	0.0311	0.0315	%	98.8	80.0 - 120	Acceptable	
CBN	1	0.0325	0.0339	%	95.9	80.0 - 120	Acceptable	
exo-THC	2	0.0301	0.0314	%	95.9	80.0 - 120	Acceptable	
d9THC	1	0.0332	0.0347	%	95.6	90.0 - 110	Acceptable	
d8THC	1	0.0291	0.0309	%	94.0	90.0 - 110	Acceptable	
9S-d10THC	1	0.0302	0.0324	%	93.2	80.0 - 120	Acceptable	
CBL	2	0.0302	0.0325	%	92.8	80.0 - 120	Acceptable	
9R-d10THC	1	0.0295	0.0318	%	92.7	80.0 - 120	Acceptable	
CBC	2	0.0324	0.0340	%	95.5	80.0 - 120	Acceptable	
THCA	1	0.0309	0.0313	%	98.5	90.0 - 110	Acceptable	
CBCA	2	0.0305	0.0326	%	93.4	80.0 - 120	Acceptable	
CBLA	2	0.0320	0.0333	%	96.4	80.0 - 120	Acceptable	
d9THCP	2	0.0294	0.0326	%	90.4	80.0 - 120	Acceptable	
CBT	2	0.0276	0.0335	%	82.5	80.0 - 120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00319	%	< 0.00319	Acceptable	
CBDV	<LOQ	0.00319	%	< 0.00319	Acceptable	
CBE	<LOQ	0.00319	%	< 0.00319	Acceptable	
CBDA	<LOQ	0.00319	%	< 0.00319	Acceptable	
CBGA	<LOQ	0.00319	%	< 0.00319	Acceptable	
CBG	<LOQ	0.00319	%	< 0.00319	Acceptable	
CBD	<LOQ	0.00319	%	< 0.00319	Acceptable	
THCV	<LOQ	0.00319	%	< 0.00319	Acceptable	
d8THCV	<LOQ	0.00319	%	< 0.00319	Acceptable	
THCVA	<LOQ	0.00319	%	< 0.00319	Acceptable	
CBN	<LOQ	0.00319	%	< 0.00319	Acceptable	
exo-THC	<LOQ	0.00319	%	< 0.00319	Acceptable	
d9THC	<LOQ	0.00319	%	< 0.00319	Acceptable	
d8THC	<LOQ	0.00319	%	< 0.00319	Acceptable	
9S-d10THC	<LOQ	0.00319	%	< 0.00319	Acceptable	
CBL	<LOQ	0.00319	%	< 0.00319	Acceptable	
9R-d10THC	<LOQ	0.00319	%	< 0.00319	Acceptable	
CBC	<LOQ	0.00319	%	< 0.00319	Acceptable	
THCA	<LOQ	0.00319	%	< 0.00319	Acceptable	
CBCA	<LOQ	0.00319	%	< 0.00319	Acceptable	
CBLA	<LOQ	0.00319	%	< 0.00319	Acceptable	
d9THCP	<LOQ	0.00319	%	< 0.00319	Acceptable	
CBT	<LOQ	0.00319	%	< 0.00319	Acceptable	

Abbreviations

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

Units of Measure:

% - Percent


Laboratory Quality Control Results

J AOAC 2015 V98-6			Batch ID: 2405612					
Sample Duplicate			Sample ID: 24-007898-0001					
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00314	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.00314	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00314	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.00314	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00314	%	NA	< 20	Acceptable	
CBG	0.0166	0.0165	0.00314	%	0.457	< 20	Acceptable	
CBD	0.00843	0.00842	0.00314	%	0.0933	< 20	Acceptable	
THCV	0.00413	0.00415	0.00314	%	0.656	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00314	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00314	%	NA	< 20	Acceptable	
CBN	0.0143	0.0142	0.00314	%	0.724	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00314	%	NA	< 20	Acceptable	
d9THC	0.707	0.703	0.00314	%	0.639	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00314	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00314	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00314	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00314	%	NA	< 20	Acceptable	
CBC	0.0105	0.0104	0.00314	%	0.219	< 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	<LOQ	<LOQ	0.00314	%	NA	< 20	Acceptable	

Abbreviations

ND - None Detected at or above MRL
 RPD - Relative Percent Difference
 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.