Columbia
LABORATORIES
A Tentamus Company

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

Report Number: 23-004525/D008.R000
Report Date: 04/19/2023
ORELAP#: OR100028
Purchase Order:
Received: 04/13/23 16:30

Customer: Brothers Apothecary
Product identity: CBD Tea 1.1 (M)
Client/Metrc ID: .
Laboratory ID: 23-004525-0001

Summary

Potency:

Analyte per 1g	Result	Limits	Units	Status		
CBD per 1g	8.51		mg/1g		CBD-Total per Serving Size	12.7 mg/1g
CBD-A per 1g	4.81		mg/1g			
CBG per 1g	0.144		mg/1g		THC-Total per Serving Size	0.517 mg/1g
Δ9-THC per 1g	0.470		mg/1g			
THC-A per 1g	0.0531		mg/1g		(Reported in milligrams per serving)	

Supplemental Testing Notes:
Total Net Weight of Sample: 4.30g

Total Sample Analysis:
54.61mg CBD/tea bag
2.22mg THC/tea bag (0.05%)

Customer:	Brothers Apothecary
	3423 SE18th Ave
	Portland OR, 97202
	United States of America (USA)
Product identity:	CBD Tea 1.1 (M)
Client/Metrc ID:	.
Sample Date:	
Laboratory ID:	23-004525-0001
Evidence of Cooling:	No
Temp:	22.6
Relinquished by:	client
Serving Size #1:	1 g

Sample Results

Potency per 1g	**Method:** J AOAC 2015 V98-6 (mod)[b]		**Units** mg/se **Batch:** 2306461		**Analyze:** 4/17/23 11:02:00 PM	
Analyte	**Result**	**Limits**	**Units**	**LOQ**		**Notes**
CBD per 1g	8.51		mg/1g	0.0312		
CBD-A per 1g	4.81		mg/1g	0.0312		
CBD-Total per 1g	12.7		mg/1g	0.0586		
CBG per 1g	0.144		mg/1g	0.0312		
CBG-A per 1g	< LOQ		mg/1g	0.0312		
CBG-Total per 1g	0.144		mg/1g	0.0583		
CBN per 1g	< LOQ		mg/1g	0.0312		
Δ10-THC-9R per 1g	< LOQ		mg/1g	0.0312		
Δ10-THC-9S per 1g	< LOQ		mg/1g	0.0312		
Δ10-THC-Total per 1g	< LOQ		mg/1g	0.0625		
Δ8-THC per 1g	< LOQ		mg/1g	0.0312		
Δ9-THC per 1g	0.470		mg/1g	0.0312		
THC-A per 1g	0.0531		mg/1g	0.0312		
THC-Total per 1g	0.517		mg/1g	0.0586		

Columbia
LABORATORIES
A Tentamus Company

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

Report Number: 23-004525/D008.R000
Report Date: 04/19/2023
ORELAP#: OR100028
Purchase Order:
Received: 04/13/23 16:30

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.

þ = ISO/IEC 17025:2017 accredited method.

Units of Measure

 g = g
 mg/1g = Milligram per 1g
 % = Percentage of sample
 % wt = μg/g divided by 10,000

 Approved Signatory

 Derrick Tanner
 General Manager

Columbia LABORATORIES A Tentamus Company

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

REPORT NUMBER: 23-004525/D008.R000
Report Date: 04/19/2023
ORELAP#: OR100028
Purchase Order:
Received: 04/13/23 16:30

Revision: 1 Document ID: 7148
Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

| J AOAC 2015 V98-6 | | | | | Batch ID: 2306461 | | | | |

Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits			Evaluation	Notes
CBDVA	2	0.0315	0.030	%	103	80.0	-	120	Acceptable	
CBDV	2	0.0300	0.030	%	102	80.0	-	120	Acceptable	
CBE	2	0.0347	0.034	%	102	80.0	-	120	Acceptable	
CBDA	1	0.0308	0.031	%	99.6	90.0	-	110	Acceptable	
CBGA	1	0.0261	0.026	%	101	80.0	-	120	Acceptable	
CBG	1	0.0316	0.031	%	102	80.0	-	120	Acceptable	
CBD	1	0.0277	0.027	%	101	90.0	-	110	Acceptable	
THCV	2	0.0234	0.023	%	103	80.0	-	120	Acceptable	
d8THCV	2	0.0273	0.027	%	103	80.0	-	120	Acceptable	
THCVA	2	0.0321	0.031	%	103	80.0	-	120	Acceptable	
CBN	1	0.0277	0.027	%	103	80.0	-	120	Acceptable	
exo-THC	2	0.0315	0.031	%	103	80.0	-	120	Acceptable	
d9THC	1	0.0329	0.031	%	106	90.0	-	110	Acceptable	
d8THC	1	0.0324	0.031	%	104	90.0	-	110	Acceptable	
9S-d10THC	1	0.0327	0.031	%	104	80.0	-	120	Acceptable	
CBL	2	0.0331	0.032	%	103	80.0	-	120	Acceptable	
9R-d10THC	1	0.0307	0.032	%	96.0	80.0	-	120	Acceptable	
CBC	2	0.0310	0.030	%	103	80.0	-	120	Acceptable	
THCA	1	0.0370	0.036	%	103	90.0	-	110	Acceptable	
CBCA	2	0.0333	0.032	%	103	80.0	-	120	Acceptable	
CBLA	2	0.0328	0.032	%	102	80.0	-	120	Acceptable	
CBT	2	0.0336	0.033	%	102	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	
9S-d10THC	<LOQ	0.003	%	< 0.003	Acceptable	
CBL	<LOQ	0.003	%	< 0.003	Acceptable	
9R-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

www.columbialaboratories.com

![Columbia Laboratories - A Tentamus Company]

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

REPORT NUMBER: 23-004525/D008.R000

Report Date: 04/19/2023

ORELAP#: OR100028

Purchase Order:

Received: 04/13/23 16:30

Revision: 1 Document ID: 7148
Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6					Batch ID: 2306461			
Sample Duplicate					Sample ID: 23-004478-0001			
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	0.0169	0.0169	0.003	%	0.284	< 20	Acceptable	
CBD	0.597	0.598	0.003	%	0.155	< 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	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBC	0.0052	0.0052	0.003	%	0.304	< 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:

% - Percent

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	Quantitaion 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.