



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

Report Number: 23-002574/D010.R000
Report Date: 03/09/2023
ORELAP#: OR100028
Purchase Order:
Received: 03/02/23 16:29

Customer: Brothers Apothecary
Product identity: Bath Soak
Project Number: COL-BR-11
Client/Metric ID: .
Laboratory ID: 23-002574-0004

Summary

Potency:

Analyte per 11g	Result	Limits	Units	Status	
CBD per 11g	27.1		mg/11g		CBD-Total per Serving Size 27.1 mg/11g
					THC-Total per Serving Size <LOQ
					(Reported in milligrams per serving)

Supplemental Testing Information:

Net Weight of Sample: 11g
Typical Full Size Jar: 255g
Typical Single-Use Pouch Size: 44g

Total Full Size Jar Analysis:
628mg CBD/jar
<LOQ THC/jar

Total Single-Use Pouch Analysis:
108.4mg CBD/pouch
<LOQ THC/pouch



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

Product identity: Bath Soak
Project Number: COL-BR-11

Client/Metric ID: .

Sample Date:
Laboratory ID: 23-002574-0004

Evidence of Cooling: No
Temp: 20.0

Relinquished by: client
Serving Size #1: 11 g

Sample Results

Potency per 11g	Method: J AOAC 2015 V98-6 (mod)	Units mg/se	Batch: 2302071	Analyze: 3/8/23 5:50:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBD per 11g	27.1		mg/11g	0.343	
CBD-A per 11g	< LOQ		mg/11g	0.0312	
CBD-Total per 11g	27.1		mg/11g	0.644	
CBG per 11g	< LOQ		mg/11g	0.0312	
CBG-A per 11g	< LOQ		mg/11g	0.0312	
CBG-Total per 11g	< LOQ		mg/11g	0.0582	
CBN per 11g	< LOQ		mg/11g	0.0312	
Δ10-THC-9R per 11g	< LOQ		mg/11g	0.0312	
Δ10-THC-9S per 11g	< LOQ		mg/11g	0.0312	
Δ10-THC-Total per 11g	< LOQ		mg/11g	0.0624	
Δ8-THC per 11g	< LOQ		mg/11g	0.0312	
Δ9-THC per 11g	< LOQ		mg/11g	0.0312	
THC-A per 11g	< LOQ		mg/11g	0.0312	
THC-Total per 11g	< LOQ		mg/11g	0.0586	



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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/11g = Milligram per 11g

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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

Laboratory Quality Control Results

JAOAC2015 V986 Batch ID: 2302071

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes	
CBDA	2	0.0341	0.033	%	103	80.0 - 120	Acceptable		
CBV	2	0.0367	0.035	%	104	80.0 - 120	Acceptable		
CBE	2	0.0355	0.034	%	104	80.0 - 120	Acceptable		
CBDA	1	0.0357	0.036	%	98.4	90.0 - 110	Acceptable		
CBGA	1	0.0352	0.036	%	98.3	80.0 - 120	Acceptable		
CBG	1	0.0376	0.038	%	99.8	80.0 - 120	Acceptable		
CB	1	0.0362	0.037	%	97.7	90.0 - 110	Acceptable		
THCV	2	0.0339	0.033	%	102	80.0 - 120	Acceptable		
δ8THCV	2	0.0371	0.036	%	103	80.0 - 120	Acceptable		
THCVA	2	0.0337	0.033	%	103	80.0 - 120	Acceptable		
CBN	1	0.0375	0.038	%	98.7	80.0 - 120	Acceptable		
exo-THC	2	0.0341	0.034	%	102	80.0 - 120	Acceptable		
δ9THC	1	0.0354	0.036	%	97.7	90.0 - 110	Acceptable		
δ8THC	1	0.0371	0.037	%	99.6	90.0 - 110	Acceptable		
9Sδ10THC	1	0.0367	0.037	%	98.2	80.0 - 120	Acceptable		
CB	2	0.0347	0.033	%	104	80.0 - 120	Acceptable		
9Rδ10THC	1	0.0357	0.036	%	98.1	80.0 - 120	Acceptable		
CB	2	0.0365	0.036	%	102	80.0 - 120	Acceptable		
THCA	1	0.0352	0.036	%	97.1	90.0 - 110	Acceptable		
CBGA	2	0.0361	0.035	%	103	80.0 - 120	Acceptable		
CBLA	2	0.0359	0.035	%	103	80.0 - 120	Acceptable		
CB	2	0.0362	0.036	%	102	80.0 - 120	Acceptable		

Method Blank						
Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDA	<LOQ	0.003	%	< 0.003	Acceptable	
CBV	<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	
CB	<LOQ	0.003	%	< 0.003	Acceptable	
THCV	<LOQ	0.003	%	< 0.003	Acceptable	
δ8THCV	<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	
δ9THC	<LOQ	0.003	%	< 0.003	Acceptable	
δ8THC	<LOQ	0.003	%	< 0.003	Acceptable	
9Sδ10THC	<LOQ	0.003	%	< 0.003	Acceptable	
CB	<LOQ	0.003	%	< 0.003	Acceptable	
9Rδ10THC	<LOQ	0.003	%	< 0.003	Acceptable	
CB	<LOQ	0.003	%	< 0.003	Acceptable	
THCA	<LOQ	0.003	%	< 0.003	Acceptable	
CBGA	<LOQ	0.003	%	< 0.003	Acceptable	
CBLA	<LOQ	0.003	%	< 0.003	Acceptable	
CB	<LOQ	0.003	%	< 0.003	Acceptable	

Abbreviations

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

Units of Measure:

% - Percent



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Laboratory Quality Control Results

JAOAC2015 V986		Batch ID: 2302071						
Sample Duplicate		Sample ID: 23-0025740004						
Analyte	Result	Org. Result	LOG	Units	RPD	Limits	Evaluation	Notes
CBDA	<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	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CB	0.271	0.246	0.003	%	10.0	< 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	
9Sa10THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CB	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
9Rd10THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CB	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CB	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	

Abbreviations

ND - None Detected at or above MFL
 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.