



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

Report Number: 23-004522/D002.R000
Report Date: 04/18/2023
ORELAP#: OR100028
Purchase Order:
Received: 04/13/23 16:30

Customer: Brothers Apothecary
Product identity: Forager Java 1.2
Project Number: COL-BR-12
Client/Metric ID: .
Laboratory ID: 23-004522-0002

Summary

Potency:

Analyte per 1g	Result	Limits	Units	Status	
CBD per 1g	1.52		mg/1g		CBD-Total per Serving Size 1.56 mg/1g
CBD-A per 1g	0.0464		mg/1g		
Δ9-THC per 1g	0.0631		mg/1g		THC-Total per Serving Size 0.0631 mg/1g
					(Reported in milligrams per serving)

Supplemental Testing Notes:

Total Net Weight of Sample: 12.64g

Total Sample Analysis:

19.71mg CBD/tea bag
0.75mg THC/tea bag (0.005%)



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Customer: Brothers Apothecary
3423 SE18th Ave
Portland OR, 97202
United States of America (USA)
Product identity: Forager Java 1.2
Project Number: COL-BR-12
Client/Metric ID: .
Sample Date:
Laboratory ID: 23-004522-0002
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: 2306458	Analyze: 4/17/23 3:22:00 PM
Analyte	Result	Limits	Units	LOQ	Notes	
CBD per 1g	1.52		mg/1g	0.0321		
CBD-A per 1g	0.0464		mg/1g	0.0321		
CBD-Total per 1g	1.56		mg/1g	0.0603		
CBG per 1g	< LOQ		mg/1g	0.0321		
CBG-A per 1g	< LOQ		mg/1g	0.0321		
CBG-Total per 1g	< LOQ		mg/1g	0.0600		
CBN per 1g	< LOQ		mg/1g	0.0321		
Δ10-THC-9R per 1g	< LOQ		mg/1g	0.0321		
Δ10-THC-9S per 1g	< LOQ		mg/1g	0.0321		
Δ10-THC-Total per 1g	< LOQ		mg/1g	0.0643		
Δ8-THC per 1g	< LOQ		mg/1g	0.0321		
Δ9-THC per 1g	0.0631		mg/1g	0.0321		
THC-A per 1g	< LOQ		mg/1g	0.0321		
THC-Total per 1g	0.0631		mg/1g	0.0603		



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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.

¹ = ISO/IEC 17025:2017 accredited method.

Units of Measure

g = g

mg/1g = Milligram per 1g

% = Percentage of sample

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

Approved Signatory

Derrick Tanner
General Manager



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Revision: 1 Document ID: 7148
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Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: 2306458

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes	
CBDVA	2	0.0343	0.033	%	103	80.0 - 120	Acceptable		
CBDV	2	0.0342	0.033	%	103	80.0 - 120	Acceptable		
CBE	2	0.0361	0.033	%	108	80.0 - 120	Acceptable		
CBD	1	0.0320	0.031	%	103	90.0 - 110	Acceptable		
CBGA	1	0.0272	0.026	%	106	80.0 - 120	Acceptable		
CBG	1	0.0324	0.031	%	104	80.0 - 120	Acceptable		
CBD	1	0.0284	0.027	%	103	90.0 - 110	Acceptable		
THCV	2	0.0340	0.033	%	102	80.0 - 120	Acceptable		
d8THCV	2	0.0355	0.033	%	106	80.0 - 120	Acceptable		
THCVA	2	0.0331	0.033	%	99.2	80.0 - 120	Acceptable		
CBN	1	0.0289	0.027	%	107	80.0 - 120	Acceptable		
exo-THC	2	0.0325	0.033	%	97.4	80.0 - 120	Acceptable		
d9THC	1	0.0325	0.031	%	104	90.0 - 110	Acceptable		
d8THC	1	0.0334	0.031	%	107	90.0 - 110	Acceptable		
9S-d10THC	1	0.0326	0.031	%	104	80.0 - 120	Acceptable		
CBL	2	0.0337	0.033	%	101	80.0 - 120	Acceptable		
9S-HHC	3	0.0325	0.033	%	97.4	80.0 - 120	Acceptable		
9R-d10THC	1	0.0317	0.032	%	99.2	80.0 - 120	Acceptable		
CBG	2	0.0343	0.033	%	103	80.0 - 120	Acceptable		
9R-HHC	3	0.0306	0.033	%	91.9	80.0 - 120	Acceptable		
THCA	1	0.0382	0.036	%	106	90.0 - 110	Acceptable		
CBGA	2	0.0361	0.033	%	108	80.0 - 120	Acceptable		
CBLA	2	0.0331	0.033	%	99.4	80.0 - 120	Acceptable		
d8THCO	3	0.0345	0.033	%	103	80.0 - 120	Acceptable		
CBT	2	0.0332	0.033	%	99.7	80.0 - 120	Acceptable		
d9THCO	3	0.0353	0.033	%	106	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	
CBD	<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	
9S-HHC	<LOQ	0.003	%	< 0.003	Acceptable	
9R-d10THC	<LOQ	0.003	%	< 0.003	Acceptable	
CBG	<LOQ	0.003	%	< 0.003	Acceptable	
9R-HHC	<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	
d8THCO	<LOQ	0.003	%	< 0.003	Acceptable	
CBT	<LOQ	0.003	%	< 0.003	Acceptable	
d9THCO	<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



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Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: 2306458								
Sample Duplicate Sample ID: 23-003052-0008-01								
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	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.003	%	NA	< 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	0.0097	0.0098	0.003	%	0.902	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
9S-HHC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
9R-HHC	<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	
d8THCO	0.0191	0.0186	0.003	%	2.60	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d9THCO	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	

Abbreviations

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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.