



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



Report Number: 25-003912/D006.R000
Report Date: 04/24/2025
ORELAP#: OR100028
Purchase Order:
Received: 04/11/25 12:42

Customer: Brothers Apothecary
3423 SE18th Ave
Portland OR, 97202
United States of America (USA)
Product identity: Spiced Cacao 1.1
Metrc ID: .
Metrc Source ID:
Material: Cannabinoid Edible
Sample Date:
Laboratory ID: 25-003912-0006
Evidence of Cooling: No
Temp: 24.8 °C
Serving Size #1: 1 g

Sample Results

Potency		Method: J AOAC 2015 V98-6 (mod) ^b			Batch: 2502704 Analyze: 2025-04-14 20:20:00		
Analyte	Result	Units	LOQ	Notes	Serving Size #1		
					Result	Units	LOQ
CBD [⊥]	0.623	%	0.0032		6.23	mg/1g	0.0316
CBD-A [⊥]	< LOQ	%	0.0032		< LOQ	mg/1g	0.0316
CBD-Total [⊥]	0.623	%	0.0059		6.23	mg/1g	0.0593
CBG	< LOQ	%	0.0032		< LOQ	mg/1g	0.0316
CBG-A	< LOQ	%	0.0032		< LOQ	mg/1g	0.0316
CBG-Total	< LOQ	%	0.0059		< LOQ	mg/1g	0.0590
CBN	< LOQ	%	0.0032		< LOQ	mg/1g	0.0316
Δ10-THC-9R	< LOQ	%	0.0032		< LOQ	mg/1g	0.0316
Δ10-THC-9S	< LOQ	%	0.0032		< LOQ	mg/1g	0.0316
Δ10-THC-Total	< LOQ	%	0.0063		< LOQ	mg/1g	0.0632
Δ8-THC [⊥]	< LOQ	%	0.0032		< LOQ	mg/1g	0.0316
Δ9-THC [⊥]	< LOQ	%	0.0032		< LOQ	mg/1g	0.0316
Δ9-THC-A [⊥]	< LOQ	%	0.0032		< LOQ	mg/1g	0.0316
Δ9-THC-Total [⊥]	< LOQ	%	0.0059		< LOQ	mg/1g	0.0593
Total Cannabinoids	0.623	%			6.23	mg/1g	



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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

% = Percentage of sample

mg/1g = Milligram per 1g

% wt = µg/g divided by 10,000


Laboratory Quality Control Results
J AOAC 2015 V98-6 **Batch ID: 2502704**
Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	2	0.0296	0.0313	%	94.6	80.0 - 120	Acceptable	
CBDV	2	0.0308	0.0332	%	93.0	80.0 - 120	Acceptable	
CBE	2	0.0298	0.0319	%	93.4	80.0 - 120	Acceptable	
CBDA	1	0.0327	0.0345	%	94.8	90.0 - 110	Acceptable	
CBGA	1	0.0324	0.0338	%	95.9	80.0 - 120	Acceptable	
CBG	1	0.0309	0.0330	%	93.6	80.0 - 120	Acceptable	
CBD	1	0.0320	0.0323	%	98.9	90.0 - 110	Acceptable	
THCV	2	0.0302	0.0329	%	91.7	80.0 - 120	Acceptable	
d8THCV	2	0.0316	0.0339	%	93.0	80.0 - 120	Acceptable	
THCVA	2	0.0284	0.0306	%	92.7	80.0 - 120	Acceptable	
CBN	1	0.0313	0.0327	%	95.8	80.0 - 120	Acceptable	
exo-THC	2	0.0285	0.0314	%	90.8	80.0 - 120	Acceptable	
d9THC	1	0.0318	0.0327	%	97.3	90.0 - 110	Acceptable	
d8THC	1	0.0323	0.0340	%	95.0	90.0 - 110	Acceptable	
9S-d10THC	1	0.0330	0.0349	%	94.7	80.0 - 120	Acceptable	
CBL	2	0.0290	0.0315	%	92.0	80.0 - 120	Acceptable	
9R-d10THC	1	0.0327	0.0350	%	93.5	80.0 - 120	Acceptable	
CBC	2	0.0300	0.0330	%	91.1	80.0 - 120	Acceptable	
THCA	1	0.0375	0.0367	%	102	90.0 - 110	Acceptable	
CBCA	2	0.0304	0.0320	%	95.0	80.0 - 120	Acceptable	
CBLA	2	0.0304	0.0319	%	95.2	80.0 - 120	Acceptable	
d9THCP	2	0.0284	0.0316	%	89.7	80.0 - 120	Acceptable	
CBT	2	0.0278	0.0330	%	84.4	80.0 - 120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBDV	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBE	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBDA	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBGA	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBG	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBD	<LOQ	0.00320	%	< 0.00320	Acceptable	
THCV	<LOQ	0.00320	%	< 0.00320	Acceptable	
d8THCV	<LOQ	0.00320	%	< 0.00320	Acceptable	
THCVA	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBN	<LOQ	0.00320	%	< 0.00320	Acceptable	
exo-THC	<LOQ	0.00320	%	< 0.00320	Acceptable	
d9THC	<LOQ	0.00320	%	< 0.00320	Acceptable	
d8THC	<LOQ	0.00320	%	< 0.00320	Acceptable	
9S-d10THC	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBL	<LOQ	0.00320	%	< 0.00320	Acceptable	
9R-d10THC	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBC	<LOQ	0.00320	%	< 0.00320	Acceptable	
THCA	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBCA	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBLA	<LOQ	0.00320	%	< 0.00320	Acceptable	
d9THCP	<LOQ	0.00320	%	< 0.00320	Acceptable	
CBT	<LOQ	0.00320	%	< 0.00320	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: 2502704					
Sample Duplicate			Sample ID: 25-003872-0001					
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBG	0.0108	0.0107	0.00312	%	0.705	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBN	0.520	0.522	0.00312	%	0.208	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
d9THC	0.487	0.486	0.00312	%	0.0741	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBC	0.00577	0.00573	0.00312	%	0.821	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.00312	%	NA	< 20	Acceptable	

Abbreviations

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

Units of Measure:

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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.