



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



Report Number: 25-012463/D003.R000
Report Date: 10/27/2025
ORELAP#: OR100028
Purchase Order:
Received: 10/15/25 16:07

Cover Letter

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

Dear Jesse Richardson,

Enclosed please find Columbia Laboratories analytical report for samples received as order number 25-012463 on 10/15/2025 at 16:07. Should you have any questions about this report or any other matter, please do not hesitate to contact us. We are here to help you.

Thank you for allowing Columbia Laboratories to be of service to you, we appreciate your business.

Sincerely,
Reviewed and Signed

Derrick Tanner
General Manager



Customer: Brothers Apothecary
 3423 SE18th Ave
 Portland OR, 97202
 Oregon
 United States of America (USA)
Product identity: CBD Infused Honey (Variety) 1.1
Metric ID: .
Material: Cannabinoid Edible
Laboratory ID: 25-012463-0003
Evidence of Cooling: No
Temp: 22.6 °C
Serving Size #1: 1 g

Sample Results

Potency		Method: J AOAC 2015 V98-6 (mod) ^b			Batch: 2507719		Analyze: 10/21/25
Analyte	Result	Units	LOQ	Notes	Serving Size #1		
					Result	Units	LOQ
CBD [±]	0.417	%	0.0070		4.17	mg/1g	0.070
CBD-A [±]	< LOQ	%	0.0070		< LOQ	mg/1g	0.070
CBD-Total [±]	0.417	%	0.0131		4.17	mg/1g	0.131
CBG	0.0175	%	0.0070		0.175	mg/1g	0.070
CBG-A	< LOQ	%	0.0070		< LOQ	mg/1g	0.070
CBG-Total	0.0175	%	0.0130		0.175	mg/1g	0.130
CBN	< LOQ	%	0.0070		< LOQ	mg/1g	0.070
Δ10-THC-9R	< LOQ	%	0.0070		< LOQ	mg/1g	0.070
Δ10-THC-9S	< LOQ	%	0.0070		< LOQ	mg/1g	0.070
Δ10-THC-Total	< LOQ	%	0.0139		< LOQ	mg/1g	0.139
Δ8-THC [±]	< LOQ	%	0.0070		< LOQ	mg/1g	0.070
Δ9-THC [±]	< LOQ	%	0.0070		< LOQ	mg/1g	0.070
Δ9-THC-A [±]	< LOQ	%	0.0070		< LOQ	mg/1g	0.070
Δ9-THC-Total [±]	< LOQ	%	0.0131		< LOQ	mg/1g	0.131
Total Cannabinoids	0.435	%			4.35	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: 2507719**
Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	2	0.0255	0.0262	%	97.6	80.0 - 120	Acceptable	
CBDV	2	0.0265	0.0275	%	96.2	80.0 - 120	Acceptable	
CBE	2	0.0268	0.0298	%	89.9	80.0 - 120	Acceptable	
CBDA	1	0.0289	0.0278	%	104	90.0 - 110	Acceptable	
CBGA	1	0.0306	0.0315	%	97.2	80.0 - 120	Acceptable	
CBG	1	0.0278	0.0294	%	94.6	80.0 - 120	Acceptable	
CBD	1	0.0291	0.0291	%	99.7	90.0 - 110	Acceptable	
THCV	2	0.0278	0.0282	%	98.7	80.0 - 120	Acceptable	
d8THCV	2	0.0272	0.0284	%	95.7	80.0 - 120	Acceptable	
THCVA	2	0.0244	0.0248	%	98.5	80.0 - 120	Acceptable	
CBN	1	0.0298	0.0296	%	100	80.0 - 120	Acceptable	
exo-THC	2	0.0256	0.0259	%	98.9	80.0 - 120	Acceptable	
d9THC	1	0.0328	0.0318	%	103	90.0 - 110	Acceptable	
d8THC	1	0.0282	0.0292	%	96.4	90.0 - 110	Acceptable	
9S-d10THC	1	0.0330	0.0327	%	101	80.0 - 120	Acceptable	
CBL	2	0.0260	0.0269	%	96.7	80.0 - 120	Acceptable	
9R-d10THC	1	0.0326	0.0326	%	100	80.0 - 120	Acceptable	
CBC	2	0.0268	0.0284	%	94.3	80.0 - 120	Acceptable	
THCA	1	0.0339	0.0343	%	99.0	90.0 - 110	Acceptable	
CBCA	2	0.0242	0.0266	%	90.9	80.0 - 120	Acceptable	
CBLA	2	0.0257	0.0264	%	97.4	80.0 - 120	Acceptable	
d9THCP	2	0.0262	0.0259	%	101	80.0 - 120	Acceptable	
CBT	2	0.0275	0.0278	%	98.8	80.0 - 120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00707	%	< 0.00707	Acceptable	
CBDV	<LOQ	0.00707	%	< 0.00707	Acceptable	
CBE	<LOQ	0.00707	%	< 0.00707	Acceptable	
CBDA	<LOQ	0.00707	%	< 0.00707	Acceptable	
CBGA	<LOQ	0.00707	%	< 0.00707	Acceptable	
CBG	<LOQ	0.00707	%	< 0.00707	Acceptable	
CBD	<LOQ	0.00707	%	< 0.00707	Acceptable	
THCV	<LOQ	0.00707	%	< 0.00707	Acceptable	
d8THCV	<LOQ	0.00707	%	< 0.00707	Acceptable	
THCVA	<LOQ	0.00707	%	< 0.00707	Acceptable	
CBN	<LOQ	0.00707	%	< 0.00707	Acceptable	
exo-THC	<LOQ	0.00707	%	< 0.00707	Acceptable	
d9THC	<LOQ	0.00707	%	< 0.00707	Acceptable	
d8THC	<LOQ	0.00707	%	< 0.00707	Acceptable	
9S-d10THC	<LOQ	0.00707	%	< 0.00707	Acceptable	
CBL	<LOQ	0.00707	%	< 0.00707	Acceptable	
9R-d10THC	<LOQ	0.00707	%	< 0.00707	Acceptable	
CBC	<LOQ	0.00707	%	< 0.00707	Acceptable	
THCA	<LOQ	0.00707	%	< 0.00707	Acceptable	
CBCA	<LOQ	0.00707	%	< 0.00707	Acceptable	
CBLA	<LOQ	0.00707	%	< 0.00707	Acceptable	
d9THCP	<LOQ	0.00707	%	< 0.00707	Acceptable	
CBT	<LOQ	0.00707	%	< 0.00707	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: 2507719					
Sample Duplicate			Sample ID: 25-012463-0001					
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00700	%	NA	< 20	Acceptable	
CBDV	0.0125	0.0113	0.00700	%	9.71	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00700	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.00700	%	NA	< 10	Acceptable	
CBGA	<LOQ	<LOQ	0.00700	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.00700	%	NA	< 20	Acceptable	
CBD	0.725	0.664	0.00700	%	8.80	< 10	Acceptable	
THCV	<LOQ	<LOQ	0.00700	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00700	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00700	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.00700	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00700	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.00700	%	NA	< 10	Acceptable	
d8THC	<LOQ	<LOQ	0.00700	%	NA	< 10	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00700	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00700	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00700	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.00700	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00700	%	NA	< 10	Acceptable	
CBCA	<LOQ	<LOQ	0.00700	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00700	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00700	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.00700	%	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
A	This analysis was performed on a VOA sample containing headspace.
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.
B3	Dilution water blank of BOD was above the recommended limit; associated samples could be high biased.
CP	Client provided value.
CV	Calculated value.
E	Analyte concentration exceeds the calibration range, results are estimated.
E1	Estimated value.
E2	Estimated value. Matrix interference observed.
H	Holding time was exceeded.
J	Estimated value, above the detection limit and below the LOQ
I	Insufficient sample received to meet method requirements.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitation level raised due to matrix interference.
LOQ3	< LOQ could be due to potential inhibition.
N1	See case narrative
P	Not preserved to the proper pH
P1	Storage temperature out of control
P2	Incubator temperature out of control
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.
Q7	Quality control outside QC limits.
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.
RE	Re-extracted and/or re-analyzed.
REH	The original analysis was within holding time; re-analysis past holding time.
S	Surrogate recovery outside control limit.
T	Tentatively Identified Compound (TIC) by library search.
T1	Confirmed by secondary ion
W	Results are reported on dry weight basis.