



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

Report Number: 23-000948/D007.R000
Report Date: 01/27/2023
ORELAP#: OR100028
Purchase Order:
Received: 01/23/23 12:36

Customer: Brothers Apothecary
Product identity: 2.1 Capsule + Kief - CannaCaps
Project Number: COL-BK-06
Client/Metric ID: .
Laboratory ID: 23-000948-0003

Summary

Potency:

Analyte	Result	Limits	Units	Status
CBD	2.87		%	
CBD-A	0.797		%	
CBG	0.0587		%	
CBG-A	0.0239		%	
CBN	0.00395		%	
Δ9-THC	0.312		%	
THC-A	0.0111		%	
Analyte per 0.42g	Result	Limits	Units	Status
CBD per 0.42g	12.1		mg/0.42g	
CBD-A per 0.42g	3.37		mg/0.42g	
CBG per 0.42g	0.248		mg/0.42g	
CBG-A per 0.42g	0.101		mg/0.42g	
CBN per 0.42g	0.0167		mg/0.42g	
Δ9-THC per 0.42g	1.32		mg/0.42g	
THC-A per 0.42g	0.0470		mg/0.42g	

CBD-Total per Serving Size 15.1 mg/0.42g

THC-Total per Serving Size 1.36 mg/0.42g

(Reported in milligrams per serving)

Supplemental Testing Notes:

Total Weight of Sample: 0.512g

Typical Net Capsule Weight: 0.41-0.42g

Capsule Weight: 0.90g-0.110g

Typical Fill Weight (Capsule Size #0): 0.408mg-0.544mg

Total Typical Weight: 0.50-0.53g

Total Sample Analysis:

15.10mg CBD/capsule

(12.1mg CBD/capsule + 3.37mg CBD-A/capsule)

1.36mg THC/capsule



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

Product identity: 2.1 Capsule + Kief

Project Number: COL-BK-06

Client/Metric ID: .

Sample Date:

Laboratory ID: 23-000948-0003

Evidence of Cooling: No

Temp: 20.2 °C

Relinquished by: Client

Serving Size #1: 0.423 g

Sample Results

Potency	Method: J AOAC 2015 V98-6 (mod)		Units %	Batch: 2300773	Analyze: 1/25/23 4:10:00 AM
Analyte	Result	Limits	Units	LOQ	Notes
CBD [±]	2.87		%	0.0312	
CBD-A [±]	0.797		%	0.00312	
CBD-Total	3.57		%	0.0339	
CBG	0.0587		%	0.00312	
CBG-A	0.0239		%	0.00312	
CBG-Total	0.0797		%	0.00582	
CBN	0.00395		%	0.00312	
Δ10-THC-9R	< LOQ		%	0.00312	
Δ10-THC-9S	< LOQ		%	0.00312	
Δ10-THC-Total	< LOQ		%	0.00623	
Δ8-THC [±]	< LOQ		%	0.00312	
Δ9-THC [±]	0.312		%	0.00312	
THC-A [±]	0.0111		%	0.00312	
THC-Total	0.322		%	0.00585	
Total Cannabinoids	4.08		%		

Potency per 0.42g	Method: J AOAC 2015 V98-6 (mod)		Units mg/se	Batch: 2300773	Analyze: 1/25/23 4:10:00 AM
Analyte	Result	Limits	Units	LOQ	Notes
CBD per 0.42g	12.1		mg/0.42g	0.132	
CBD-A per 0.42g	3.37		mg/0.42g	0.0132	
CBD-Total per 0.42g	15.1		mg/0.42g	0.143	
CBG per 0.42g	0.248		mg/0.42g	0.0132	
CBG-A per 0.42g	0.101		mg/0.42g	0.0132	
CBG-Total per 0.42g	0.336		mg/0.42g	0.0246	
CBN per 0.42g	0.0167		mg/0.42g	0.0132	
Δ10-THC-9R per 0.42g	< LOQ		mg/0.42g	0.0132	
Δ10-THC-9S per 0.42g	< LOQ		mg/0.42g	0.0132	
Δ8-THC per 0.42g	< LOQ		mg/0.42g	0.0132	
Δ9-THC per 0.42g	1.32		mg/0.42g	0.0132	



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Potency per 0.42g Method: J AOAC 2015 V98-6 (mod) Units mg/se Batch: 2300773 Analyze: 1/25/23 4:10:00 AM					
Analyte	Result	Limits	Units	LOQ	Notes
THC-A per 0.42g	0.0470		mg/0.42g	0.0132	
THC-Total per 0.42g	1.36		mg/0.42g	0.0248	



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These test results are representative of the individual sample selected and submitted by the client.

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.

¥ = TNI accredited analyte.

Units of Measure

- g = g
- mg/0.42g = Milligram per 0.42g
- % = 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

J AOAC 2015 V98-6 Batch ID: 2300773

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.0344	0.033	%	103	80.0	- 120	Acceptable	
CBDV	2	0.0366	0.035	%	104	80.0	- 120	Acceptable	
CBE	2	0.0359	0.035	%	103	80.0	- 120	Acceptable	
CBD	1	0.0330	0.032	%	103	90.0	- 110	Acceptable	
CBGA	1	0.0335	0.032	%	104	80.0	- 120	Acceptable	
CBG	1	0.0349	0.033	%	106	80.0	- 120	Acceptable	
CBD	1	0.0331	0.032	%	102	90.0	- 110	Acceptable	
THCV	2	0.0361	0.035	%	102	80.0	- 120	Acceptable	
d8THCV	2	0.0365	0.034	%	106	80.0	- 120	Acceptable	
THCVA	2	0.0339	0.033	%	103	80.0	- 120	Acceptable	
CBN	1	0.0358	0.034	%	106	80.0	- 120	Acceptable	
exo-THC	2	0.0336	0.032	%	104	80.0	- 120	Acceptable	
d9THC	1	0.0361	0.035	%	103	90.0	- 110	Acceptable	
d8THC	1	0.0329	0.033	%	98.2	90.0	- 110	Acceptable	
9S-d10THC	1	0.0177	0.015	%	118	80.0	- 120	Acceptable	
CBL	2	0.0358	0.035	%	104	90.0	- 110	Acceptable	
9R-d10THC	1	0.0163	0.016	%	104	80.0	- 120	Acceptable	
CB	2	0.0354	0.035	%	102	80.0	- 120	Acceptable	
THCA	1	0.0328	0.032	%	104	80.0	- 120	Acceptable	
CBCA	2	0.0350	0.034	%	102	80.0	- 120	Acceptable	
CBLA	2	0.0364	0.035	%	104	90.0	- 110	Acceptable	
CBT	2	0.0364	0.035	%	104	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	
9R-d10THC	<LOQ	0.003	%	< 0.003	Acceptable	
CB	<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



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Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2300773						
Sample Duplicate		Sample ID: 23-000909-0001						
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	0.0058	0.0061	0.003	%	4.09	< 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	0.201	0.211	0.003	%	4.83	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.003	%	NA	< 20	Acceptable	
d9THC	0.195	0.205	0.003	%	4.77	< 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	<LOQ	<LOQ	0.003	%	NA	< 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



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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.