



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



Report Number: 23-011154/D009.R000
Report Date: 09/22/2023
ORELAP#: OR100028
Purchase Order:
Received: 09/20/23 11:41

Customer: Koi CBD, LLC
Product identity: Balance Bar - Watermelon Bubblegum Ice
Client/Metric ID: .
Laboratory ID: 23-011154-0003

Summary

Potency:

Analyte	Result	Limits	Units	Status	
CBD	2.56		%		CBD-Total per Serving Size 282 mg/11ml
Analyte per 11ml	Result	Limits	Units	Status	
CBD per 11ml	282		mg/11ml		THC-Total per Serving Size <LOQ (Reported in milligrams per serving)



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Customer: Koi CBD, LLC
14631 Best Ave
Norwalk Tennessee 90650
United States of America (USA)

Product identity: Balance Bar - Watermelon Bubblegum Ice

Client/Metric ID: .

Sample Date:

Laboratory ID: 23-011154-0003

Evidence of Cooling: No

Temp: 21.2 °C

Relinquished by: client

Serving Size #1: 11 g

Density: 1.000 g/ml

Sample Results

Potency	Method: J AOAC 2015 V98-6 (mod) ^b	Units %	Batch: 2311171	Analyze: 9/21/23 9:44:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
CBD	2.56		%	0.0733	
CBD-A	< LOQ		%	0.0733	
CBD-Total	2.56		%	0.138	
CBG	< LOQ		%	0.0733	
CBG-A	< LOQ		%	0.0733	
CBG-Total	< LOQ		%	0.137	
CBN	< LOQ		%	0.0733	
Δ10-THC-9R	< LOQ		%	0.0733	
Δ10-THC-9S	< LOQ		%	0.0733	
Δ10-THC-Total	< LOQ		%	0.147	
Δ8-THC	< LOQ		%	0.0733	
Δ9-THC	< LOQ		%	0.0733	
THC-A	< LOQ		%	0.0733	
THC-Total	< LOQ		%	0.138	
Total Cannabinoids	2.56		%		

Potency per 11ml	Method: J AOAC 2015 V98-6 (mod) ^b	Units mg/se	Batch: 2311171	Analyze: 9/21/23 9:44:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
CBD per 11ml	282		mg/11ml	8.06	
CBD-A per 11ml	< LOQ		mg/11ml	0.733	
CBD-Total per 11ml	282		mg/11ml	15.1	
CBG per 11ml	< LOQ		mg/11ml	0.733	
CBG-A per 11ml	< LOQ		mg/11ml	0.733	
CBG-Total per 11ml	< LOQ		mg/11ml	1.37	
CBN per 11ml	< LOQ		mg/11ml	0.733	
Δ10-THC-9R per 11ml	< LOQ		mg/11ml	0.733	
Δ10-THC-9S per 11ml	< LOQ		mg/11ml	0.733	
Δ10-THC-Total per 11ml	< LOQ		mg/11ml	1.47	
Δ8-THC per 11ml	< LOQ		mg/11ml	0.733	



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Potency per 11ml		Method: J AOAC 2015 V98-6 (mod) ^b		Units mg/se		Batch: 2311171		Analyze: 9/21/23 9:44:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes				
Δ9-THC per 11ml	< LOQ		mg/11ml	0.733					
THC-A per 11ml	< LOQ		mg/11ml	0.733					
THC-Total per 11ml	< LOQ		mg/11ml	1.38					



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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.

^p = ISO/IEC 17025:2017 accredited method.

Units of Measure

- g = g
- g/ml = Gram per milliliter
- mg/11ml = Milligram per 11ml
- % = Percentage of sample
- % wt = $\mu\text{g/g}$ divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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Revision: 4 Document ID: 7148
Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: 2311171

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.0773	0.0747	%	104	80.0	- 120	Acceptable	
CBDV	2	0.0776	0.0747	%	104	80.0	- 120	Acceptable	
CBE	2	0.0818	0.0797	%	103	80.0	- 120	Acceptable	
CBDA	1	0.0720	0.0749	%	96.2	90.0	- 110	Acceptable	
CBGA	1	0.0723	0.0762	%	94.9	80.0	- 120	Acceptable	
CBG	1	0.0857	0.0875	%	97.9	80.0	- 120	Acceptable	
CBD	1	0.0707	0.0728	%	97.1	90.0	- 110	Acceptable	
THCV	2	0.0788	0.0776	%	101	80.0	- 120	Acceptable	
d8THCV	2	0.0677	0.0678	%	99.8	80.0	- 120	Acceptable	
THCVA	2	0.0861	0.0738	%	117	80.0	- 120	Acceptable	
CBN	1	0.0692	0.0738	%	93.7	80.0	- 120	Acceptable	
exo-THC	2	0.0727	0.0725	%	100	80.0	- 120	Acceptable	
d9THC	1	0.0724	0.0739	%	98.0	90.0	- 110	Acceptable	
d8THC	1	0.0683	0.0719	%	94.9	90.0	- 110	Acceptable	
9S-d10THC	1	0.0762	0.0795	%	95.8	80.0	- 120	Acceptable	
CBL	2	0.0811	0.0806	%	101	80.0	- 120	Acceptable	
9R-d10THC	1	0.0713	0.0785	%	90.8	80.0	- 120	Acceptable	
CBC	2	0.0768	0.0767	%	100	80.0	- 120	Acceptable	
THCA	1	0.0699	0.0757	%	92.3	90.0	- 110	Acceptable	
CBCA	2	0.0815	0.0786	%	104	80.0	- 120	Acceptable	
CBLA	2	0.0816	0.0791	%	103	80.0	- 120	Acceptable	
d9THCP	2	0.0752	0.0769	%	97.8	80.0	- 120	Acceptable	
CBT	2	0.0763	0.0811	%	94.1	80.0	- 120	Acceptable	

Method Blank						
Analyte	Result	LOQ	Units	Limits		Evaluation
CBDVA	<LOQ	0.0684	%	< 0.0684		Acceptable
CBDV	<LOQ	0.0684	%	< 0.0684		Acceptable
CBE	<LOQ	0.0684	%	< 0.0684		Acceptable
CBDA	<LOQ	0.0684	%	< 0.0684		Acceptable
CBGA	<LOQ	0.0684	%	< 0.0684		Acceptable
CBG	<LOQ	0.0684	%	< 0.0684		Acceptable
CBD	<LOQ	0.0684	%	< 0.0684		Acceptable
THCV	<LOQ	0.0684	%	< 0.0684		Acceptable
d8THCV	<LOQ	0.0684	%	< 0.0684		Acceptable
THCVA	<LOQ	0.0684	%	< 0.0684		Acceptable
CBN	<LOQ	0.0684	%	< 0.0684		Acceptable
exo-THC	<LOQ	0.0684	%	< 0.0684		Acceptable
d9THC	<LOQ	0.0684	%	< 0.0684		Acceptable
d8THC	<LOQ	0.0684	%	< 0.0684		Acceptable
9S-d10THC	<LOQ	0.0684	%	< 0.0684		Acceptable
CBL	<LOQ	0.0684	%	< 0.0684		Acceptable
9R-d10THC	<LOQ	0.0684	%	< 0.0684		Acceptable
CBC	<LOQ	0.0684	%	< 0.0684		Acceptable
THCA	<LOQ	0.0684	%	< 0.0684		Acceptable
CBCA	<LOQ	0.0684	%	< 0.0684		Acceptable
CBLA	<LOQ	0.0684	%	< 0.0684		Acceptable
d9THCP	<LOQ	0.0684	%	< 0.0684		Acceptable
CBT	<LOQ	0.0684	%	< 0.0684		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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Revision: 4 Document ID: 7148
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Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2311171						
Sample Duplicate		Sample ID: 22-011216-0004						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.0696	%	NA	< 20	Acceptable	
CBDV	0.345	0.325	0.0696	%	5.94	< 20	Acceptable	
CBE	3.36	3.40	0.0696	%	1.19	< 20	Acceptable	
CBD A	<LOQ	<LOQ	0.0696	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.0696	%	NA	< 20	Acceptable	
CBG	0.340	0.268	0.0696	%	23.6	< 20	Outlier	R
CBD	68.8	66.2	0.0696	%	3.73	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.0696	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.0696	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.0696	%	NA	< 20	Acceptable	
CBN	1.43	1.40	0.0696	%	2.33	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.0696	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.0696	%	NA	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.0696	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.0696	%	NA	< 20	Acceptable	
CBL	0.0776	0.0763	0.0696	%	1.62	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.0696	%	NA	< 20	Acceptable	
CBC	1.43	1.28	0.0696	%	11.0	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.0696	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.0696	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.0696	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.0696	%	NA	< 20	Acceptable	
CBT	2.14	2.07	0.0696	%	3.41	< 20	Acceptable	

Abbreviations

- ND - None Detected at or above MRL
- RPD - Relative Percent Difference
- LOQ - Limit of Quantitation
- R - Relative percent difference (RPD) outside control limit.

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.