



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



Report Number: 24-002717/D020.R000
Report Date: 03/14/2024
ORELAP#: OR100028
Purchase Order:
Received: 03/11/24 14:42

Customer: Flowerchild CBD
Product identity: CBD/CBG Menthol Ice Roll-On
Client/Metric ID: .
Laboratory ID: 24-002717-0020

Summary

Potency:

Analyte per 2oz	Result	Limits	Units	Status	
CBD per 2oz	304		mg/2oz		CBD-Total per Serving Size 304 mg/2oz
CBG per 2oz	363		mg/2oz		
Δ9-THC per 2oz	14.2		mg/2oz		THC-Total per Serving Size 14.2 mg/2oz
(Reported in milligrams per serving)					



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Customer: Flowerchild CBD
 141 Southridge Rd
 Port Angeles Washington 98363
 United States of America (USA)

Product identity: CBD/CBG Menthol Ice Roll-On

Client/Metric ID: .

Sample Date:

Laboratory ID: 24-002717-0020

Evidence of Cooling: No

Temp: 17.3 °C

Relinquished by: shipping

Serving Size #1: 56.699 g

Sample Results

Potency per 2oz	Method: J AOAC 2015 V98-6 (mod)	Units mg/se	Batch: 2401997	Analyze: 3/14/24 1:35:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBD per 2oz	304		mg/2oz	1.86	
CBD-A per 2oz [†]	< LOQ		mg/2oz	1.86	
CBD-Total per 2oz [†]	304		mg/2oz	3.49	
CBG per 2oz	363		mg/2oz	1.86	
CBG-A per 2oz	< LOQ		mg/2oz	1.86	
CBG-Total per 2oz	363		mg/2oz	3.47	
CBN per 2oz	< LOQ		mg/2oz	1.86	
Δ10-THC-9R per 2oz	< LOQ		mg/2oz	1.86	
Δ10-THC-9S per 2oz	< LOQ		mg/2oz	1.86	
Δ10-THC-Total per 2oz	< LOQ		mg/2oz	3.72	
Δ8-THC per 2oz [†]	< LOQ		mg/2oz	1.86	
Δ9-THC per 2oz [†]	14.2		mg/2oz	1.86	
THC-A per 2oz [†]	< LOQ		mg/2oz	1.86	
THC-Total per 2oz	14.2		mg/2oz	3.49	
Total Cannabinoids per 2oz	682		mg/2oz		



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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

g = g

mg/2oz = Milligram per 2oz

% = 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: 2401997

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.0296	0.0324	%	91.6	80.0	- 120	Acceptable	
CBDV	2	0.0332	0.0352	%	94.3	80.0	- 120	Acceptable	
CBE	2	0.0327	0.0359	%	90.9	80.0	- 120	Acceptable	
CBDA	1	0.0305	0.0319	%	95.8	90.0	- 110	Acceptable	
CBGA	1	0.0302	0.0316	%	95.5	80.0	- 120	Acceptable	
CBG	1	0.0348	0.0366	%	95.0	80.0	- 120	Acceptable	
CBD	1	0.0335	0.0355	%	94.4	90.0	- 110	Acceptable	
THCV	2	0.0318	0.0345	%	92.3	80.0	- 120	Acceptable	
d8THCV	2	0.0279	0.0304	%	91.7	80.0	- 120	Acceptable	
THCVA	2	0.0297	0.0323	%	92.1	80.0	- 120	Acceptable	
CBN	1	0.0322	0.0334	%	96.5	80.0	- 120	Acceptable	
exo-THC	2	0.0310	0.0338	%	91.8	80.0	- 120	Acceptable	
d9THC	1	0.0350	0.0355	%	98.5	90.0	- 110	Acceptable	
d8THC	1	0.0323	0.0339	%	95.1	90.0	- 110	Acceptable	
9S-d10THC	1	0.0322	0.0333	%	96.7	80.0	- 120	Acceptable	
CBL	2	0.0311	0.0340	%	91.4	80.0	- 120	Acceptable	
9R-d10THC	1	0.0314	0.0326	%	96.2	80.0	- 120	Acceptable	
CBC	2	0.0323	0.0352	%	91.7	80.0	- 120	Acceptable	
THCA	1	0.0307	0.0320	%	96.0	90.0	- 110	Acceptable	
CBCA	2	0.0318	0.0346	%	91.8	80.0	- 120	Acceptable	
CBLA	2	0.0316	0.0344	%	91.6	80.0	- 120	Acceptable	
d9THCP	2	0.0303	0.0336	%	90.2	80.0	- 120	Acceptable	
CBT	2	0.0323	0.0348	%	93.0	80.0	- 120	Acceptable	

Method Blank						
Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00316	%	< 0.00316	Acceptable	
CBDV	<LOQ	0.00316	%	< 0.00316	Acceptable	
CBE	<LOQ	0.00316	%	< 0.00316	Acceptable	
CBDA	<LOQ	0.00316	%	< 0.00316	Acceptable	
CBGA	<LOQ	0.00316	%	< 0.00316	Acceptable	
CBG	<LOQ	0.00316	%	< 0.00316	Acceptable	
CBD	<LOQ	0.00316	%	< 0.00316	Acceptable	
THCV	<LOQ	0.00316	%	< 0.00316	Acceptable	
d8THCV	<LOQ	0.00316	%	< 0.00316	Acceptable	
THCVA	<LOQ	0.00316	%	< 0.00316	Acceptable	
CBN	<LOQ	0.00316	%	< 0.00316	Acceptable	
exo-THC	<LOQ	0.00316	%	< 0.00316	Acceptable	
d9THC	<LOQ	0.00316	%	< 0.00316	Acceptable	
d8THC	<LOQ	0.00316	%	< 0.00316	Acceptable	
9S-d10THC	<LOQ	0.00316	%	< 0.00316	Acceptable	
CBL	<LOQ	0.00316	%	< 0.00316	Acceptable	
9R-d10THC	<LOQ	0.00316	%	< 0.00316	Acceptable	
CBC	<LOQ	0.00316	%	< 0.00316	Acceptable	
THCA	<LOQ	0.00316	%	< 0.00316	Acceptable	
CBCA	<LOQ	0.00316	%	< 0.00316	Acceptable	
CBLA	<LOQ	0.00316	%	< 0.00316	Acceptable	
d9THCP	<LOQ	0.00316	%	< 0.00316	Acceptable	
CBT	<LOQ	0.00316	%	< 0.00316	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: 2401997						
Sample Duplicate		Sample ID: 24-002717-0010						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
CBDV	8.61	8.35	0.00331	%	3.08	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
CBD	0.00456	0.00460	0.00331	%	0.976	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.00331	%	NA	< 20	Acceptable	

Abbreviations

ND - None Detected at or above MRL
 RPD - Relative Percent Difference
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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.