



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



**Report Number:** 23-013789/D002.R000  
**Report Date:** 11/30/2023  
**ORELAP#:** OR100028  
**Purchase Order:** SC12  
**Received:** 11/22/23 11:04

**Customer:** Zentopia  
**Product identity:** SC12-BB051525-ZMS12:30SC1 (MangoSparklingWater)  
**Client/Metric ID:** .  
**Laboratory ID:** 23-013789-0006

### Summary

**Potency:**

Analyte per 16fl oz	Result	Limits	Units	Status	
CBD per 16fl oz	50.2		mg/16fl oz		CBD-Total per Serving Size 50.2 mg/16fl oz
					THC-Total per Serving Size <LOQ
					(Reported in milligrams per serving)



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**Customer:** Zentopia  
 541-801-3097  
 92 Centennial Loop  
 Eugene Oregon 97401  
 United States of America (USA)

**Product identity:** SC12-BB051525-ZMS12:30SC1 (MangoSparklingWater)

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 23-013789-0006

**Evidence of Cooling:** No

**Temp:** 17.8 °C

**Relinquished by:** Shipping

**Serving Size #1:** 473.65 g

**Density:** 1.001 g/ml

### Sample Results

Potency per 16fl oz		Method: J AOAC 2015 V98-6 (mod) <sup>b</sup>		Units mg/se Batch: 2313121		Analyze: 11/28/23 11:52:00 A
Analyte	Result	Limits	Units	LOQ	Notes	
CBC per 16fl oz	< LOQ		mg/16fl oz	0.470		
CBC-A per 16fl oz	< LOQ		mg/16fl oz	0.470		
CBC-Total per 16fl oz	< LOQ		mg/16fl oz	0.882		
CBD per 16fl oz	50.2		mg/16fl oz	0.470		
CBD-A per 16fl oz	< LOQ		mg/16fl oz	0.470		
CBD-Total per 16fl oz	50.2		mg/16fl oz	0.882		
CBDV per 16fl oz	< LOQ		mg/16fl oz	0.470		
CBDV-A per 16fl oz	< LOQ		mg/16fl oz	0.470		
CBDV-Total per 16fl oz	< LOQ		mg/16fl oz	0.877		
CBE per 16fl oz	< LOQ		mg/16fl oz	0.470		
CBG per 16fl oz	< LOQ		mg/16fl oz	0.470		
CBG-A per 16fl oz	< LOQ		mg/16fl oz	0.470		
CBL per 16fl oz	< LOQ		mg/16fl oz	0.470		
CBL-A per 16fl oz	< LOQ		mg/16fl oz	0.470		
CBN per 16fl oz	< LOQ		mg/16fl oz	0.470		
CBT per 16fl oz	< LOQ		mg/16fl oz	0.470		
Δ8-THCV per 16fl oz	< LOQ		mg/16fl oz	0.470		
Δ10-THC-9R per 16fl oz	< LOQ		mg/16fl oz	0.470		
Δ10-THC-9S per 16fl oz	< LOQ		mg/16fl oz	0.470		
Δ10-THC-Total per 16fl oz	< LOQ		mg/16fl oz	0.940		
Δ8-THC per 16fl oz	< LOQ		mg/16fl oz	0.470		
Δ9-THC per 16fl oz	< LOQ		mg/16fl oz	0.470		
delta-9-THCP per 16fl oz	< LOQ		mg/16fl oz	0.470		
exo-THC per 16fl oz	< LOQ		mg/16fl oz	0.470		
THC-Total per 16fl oz	< LOQ		mg/16fl oz	0.882		
THCV per 16fl oz	< LOQ		mg/16fl oz	0.470		
THCV-A per 16fl oz	< LOQ		mg/16fl oz	0.470		
THCV-Total per 16fl oz	< LOQ		mg/16fl oz	0.883		



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Potency per 16fl oz	Method: J AOAC 2015 V98-6 (mod) <sup>b</sup>	Units mg/se	Batch: 2313121	Analyze: 11/28/23 11:52:00 A	
Analyte	Result	Limits	Units	LOQ	Notes
Total Cannabinoids per 16fl oz	50.2		mg/16fl oz		

Potency	Method: J AOAC 2015 V98-6 (mod) <sup>b</sup>	Units	Batch: 2313121	Analyze: 11/28/23 11:52:00 A	
Analyte	Result	Limits	Units	LOQ	Notes

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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.

<sup>p</sup> = ISO/IEC 17025:2017 accredited method.

**Units of Measure**

- g = g
- g/ml = Gram per milliliter
- mg/16fl oz = Milligram per 16fl oz
- % = 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

JAOAC2015 V986 Batch ID: 2313121

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.0009	0.0010	%	94.7	80.0	- 120	Acceptable	
CBDV	2	0.0010	0.0010	%	103	80.0	- 120	Acceptable	
CBE	2	0.00106	0.00105	%	101	80.0	- 120	Acceptable	
CBDA	1	0.0009	0.0009	%	95.6	90.0	- 110	Acceptable	
CBGA	1	0.0009	0.0009	%	97.0	80.0	- 120	Acceptable	
CBG	1	0.0010	0.0010	%	99.2	80.0	- 120	Acceptable	
CBD	1	0.0009	0.0010	%	98.1	90.0	- 110	Acceptable	
THCV	2	0.00102	0.00101	%	100	80.0	- 120	Acceptable	
d8THCV	2	0.0008	0.0008	%	103	80.0	- 120	Acceptable	
THCVA	2	0.0009	0.0010	%	94.1	80.0	- 120	Acceptable	
CBN	1	0.00101	0.0010	%	101	80.0	- 120	Acceptable	
exo-THC	2	0.0009	0.0009	%	101	80.0	- 120	Acceptable	
d9THC	1	0.00101	0.0010	%	105	90.0	- 110	Acceptable	
d8THC	1	0.0008	0.0008	%	100.0	90.0	- 110	Acceptable	
9S-d10THC	1	0.0010	0.0010	%	101	80.0	- 120	Acceptable	
CBL	2	0.00106	0.00105	%	101	80.0	- 120	Acceptable	
9R-d10THC	1	0.0009	0.0009	%	100	80.0	- 120	Acceptable	
CBC	2	0.00104	0.00102	%	102	80.0	- 120	Acceptable	
THCA	1	0.0009	0.0009	%	95.1	90.0	- 110	Acceptable	
CBCA	2	0.0009	0.00101	%	90.0	80.0	- 120	Acceptable	
CBLA	2	0.0010	0.00101	%	94.2	80.0	- 120	Acceptable	
d9THCP	2	0.00101	0.0010	%	102	80.0	- 120	Acceptable	
CBT	2	0.00104	0.00101	%	103	80.0	- 120	Acceptable	

Method Blank							
Analyte	Result	LOQ	Units	Limits		Evaluation	Notes
CBDVA	<LOQ	0.0001	%	< 0.0001		Acceptable	
CBDV	<LOQ	0.0001	%	< 0.0001		Acceptable	
CBE	<LOQ	0.0001	%	< 0.0001		Acceptable	
CBDA	<LOQ	0.0001	%	< 0.0001		Acceptable	
CBGA	<LOQ	0.0001	%	< 0.0001		Acceptable	
CBG	<LOQ	0.0001	%	< 0.0001		Acceptable	
CBD	<LOQ	0.0001	%	< 0.0001		Acceptable	
THCV	<LOQ	0.0001	%	< 0.0001		Acceptable	
d8THCV	<LOQ	0.0001	%	< 0.0001		Acceptable	
THCVA	<LOQ	0.0001	%	< 0.0001		Acceptable	
CBN	<LOQ	0.0001	%	< 0.0001		Acceptable	
exo-THC	<LOQ	0.0001	%	< 0.0001		Acceptable	
d9THC	<LOQ	0.0001	%	< 0.0001		Acceptable	
d8THC	<LOQ	0.0001	%	< 0.0001		Acceptable	
9S-d10THC	<LOQ	0.0001	%	< 0.0001		Acceptable	
CBL	<LOQ	0.0001	%	< 0.0001		Acceptable	
9R-d10THC	<LOQ	0.0001	%	< 0.0001		Acceptable	
CBC	<LOQ	0.0001	%	< 0.0001		Acceptable	
THCA	<LOQ	0.0001	%	< 0.0001		Acceptable	
CBCA	<LOQ	0.0001	%	< 0.0001		Acceptable	
CBLA	<LOQ	0.0001	%	< 0.0001		Acceptable	
d9THCP	<LOQ	0.0001	%	< 0.0001		Acceptable	
CBT	<LOQ	0.0001	%	< 0.0001		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  
Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

JAOAC2015 V986		Batch ID: 2313121						
Sample Duplicate		Sample ID: 23-0137840001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBE	0.0002	0.0002	0.0001	%	0.859	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBG	0.0001	0.0001	0.0001	%	3.06	< 20	Acceptable	
CBD	0.00674	0.00662	0.0001	%	1.86	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	

Abbreviations

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