



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



Report Number: 23-013789/D006.R000
Report Date: 11/30/2023
ORELAP#: OR100028
Purchase Order: SC12
Received: 11/22/23 11:04

Customer: Zentopia
Product identity: SC12-BB051525-ZLS08:35SC1 (LimeSparklingWater)
Client/Metric ID: .
Laboratory ID: 23-013789-0001

Summary

Potency:

Analyte per 16fl oz	Result	Limits	Units	Status	
CBD per 16fl oz	52.6		mg/16fl oz		CBD-Total per Serving Size 52.6 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-ZLS08:35SC1 (LimeSparklingWater)

Client/Metric ID: .

Sample Date:

Laboratory ID: 23-013789-0001

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) ^b		Units mg/se Batch: 2313121		Analyze: 11/28/23 11:13:00 A
Analyte	Result	Limits	Units	LOQ	Notes	
CBC per 16fl oz	< LOQ		mg/16fl oz	0.472		
CBC-A per 16fl oz	< LOQ		mg/16fl oz	0.472		
CBC-Total per 16fl oz	< LOQ		mg/16fl oz	0.886		
CBD per 16fl oz	52.6		mg/16fl oz	0.472		
CBD-A per 16fl oz	< LOQ		mg/16fl oz	0.472		
CBD-Total per 16fl oz	52.6		mg/16fl oz	0.886		
CBDV per 16fl oz	< LOQ		mg/16fl oz	0.472		
CBDV-A per 16fl oz	< LOQ		mg/16fl oz	0.472		
CBDV-Total per 16fl oz	< LOQ		mg/16fl oz	0.881		
CBE per 16fl oz	< LOQ		mg/16fl oz	0.472		
CBG per 16fl oz	< LOQ		mg/16fl oz	0.472		
CBG-A per 16fl oz	< LOQ		mg/16fl oz	0.472		
CBG-Total per 16fl oz	< LOQ		mg/16fl oz	0.881		
CBL-A per 16fl oz	< LOQ		mg/16fl oz	0.472		
CBL-Total per 16fl oz	< LOQ		mg/16fl oz	0.886		
CBN per 16fl oz	< LOQ		mg/16fl oz	0.472		
CBT per 16fl oz	< LOQ		mg/16fl oz	0.472		
Δ8-THCV per 16fl oz	< LOQ		mg/16fl oz	0.472		
Δ10-THC-9R per 16fl oz	< LOQ		mg/16fl oz	0.472		
Δ10-THC-9S per 16fl oz	< LOQ		mg/16fl oz	0.472		
Δ10-THC-Total per 16fl oz	< LOQ		mg/16fl oz	0.944		
Δ8-THC per 16fl oz	< LOQ		mg/16fl oz	0.472		
Δ9-THC per 16fl oz	< LOQ		mg/16fl oz	0.472		
delta-9-THCP per 16fl oz	< LOQ		mg/16fl oz	0.472		
exo-THC per 16fl oz	< LOQ		mg/16fl oz	0.472		
THC-A per 16fl oz	< LOQ		mg/16fl oz	0.472		
THC-Total per 16fl oz	< LOQ		mg/16fl oz	0.886		
THCV per 16fl oz	< LOQ		mg/16fl oz	0.472		

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 Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.

Testing in accordance with: OAR 333-007-0430



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Potency per 16fl oz **Method:** J AOAC 2015 V98-6 (mod)^b **Units** mg/se **Batch:** 2313121 **Analyze:** 11/28/23 11:13:00 A

Analyte	Result	Limits	Units	LOQ	Notes
THCV-A per 16fl oz	< LOQ		mg/16fl oz	0.472	
THCV-Total per 16fl oz	< LOQ		mg/16fl oz	0.886	
Total Cannabinoids per 16fl oz	52.6		mg/16fl oz		

Potency **Method:** J AOAC 2015 V98-6 (mod)^b **Units** **Batch:** 2313121 **Analyze:** 11/28/23 11:13:00 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.

^p = 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

J AOAC 2015 V98-6 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
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Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2313121						
Sample Duplicate		Sample ID: 23-013784-0001						
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
 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.