



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



**Report Number:** 24-011853/D001.R000  
**Report Date:** 10/28/2024  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 10/21/24 10:28

**Customer:** Rogue Ales  
**Product identity:** Ginger Yuzu - 27241  
**Client/Metric ID:** .  
**Laboratory ID:** 24-011853-0001

### Summary

**Potency:**

Analyte per 473ml	Result	Limits	Units	Status	
CBD per 473ml	31.3		mg/473ml		CBD-Total per Serving Size 31.3 mg/473ml
					Delta-9-THC-Total per <LOQ
					(Reported in milligrams per serving)



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**Customer:** Rogue Ales  
 2320 OSU Drive  
 Newport Oregon 97365  
 United States of America (USA)

**Product identity:** Ginger Yuzu - 27241

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 24-011853-0001

**Evidence of Cooling:** No

**Temp:** 18.5 °C

**Serving Size #1:** 473.946 g

**Density:** 1.002 g/ml

### Sample Results

Potency per 473ml		Method: J AOAC 2015 V98-6 (mod) <sup>b</sup>		Units mg/se	Batch: 2408252	Analyze: 10/23/24 6:03:00 PM
Analyte	Result	Limits	Units	LOQ	Notes	
CBD per 473ml	31.3		mg/473ml	0.473		
CBD-A per 473ml <sup>±</sup>	< LOQ		mg/473ml	0.473		
CBD-Total per 473ml <sup>±</sup>	31.3		mg/473ml	0.888		
CBG per 473ml	< LOQ		mg/473ml	0.473		
CBG-A per 473ml	< LOQ		mg/473ml	0.473		
CBG-Total per 473ml	< LOQ		mg/473ml	0.883		
CBN per 473ml	< LOQ		mg/473ml	0.473		
Δ10-THC-9R per 473ml	< LOQ		mg/473ml	0.473		
Δ10-THC-9S per 473ml	< LOQ		mg/473ml	0.473		
Δ10-THC-Total per 473ml	< LOQ		mg/473ml	0.946		
Δ8-THC per 473ml <sup>±</sup>	< LOQ		mg/473ml	0.473		
Δ9-THC per 473ml <sup>±</sup>	< LOQ		mg/473ml	0.473		
Δ9-THC-Total per 473ml	< LOQ		mg/473ml	0.888		
THC-A per 473ml <sup>±</sup>	< LOQ		mg/473ml	0.473		



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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.

<sup>⊥</sup> = TNI accredited analyte.

**Units of Measure**

g = Gram

g/ml = Gram per milliliter

mg/473ml = Milligram per 473ml

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner  
General Manager



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**Hemp & Cannabis  
 Chain of Custody**

**Rogue-Ales-and-Spirits-  
 1729190800**

<b>Company Details</b> Company: <u>Rogue Ales and Spirits</u> Contact: <u>Matthew Fulcher</u> Street Address: <u>2320 SE OSU DR</u> City, State, Zip: <u>Newport, OR 97365-5261</u> Email: <u>mattf@rogue.com</u> Contact Phone: <u>9167598258</u> Company Phone: <u>9167598258</u> <b>Billing Information</b> Billing Phone: <u>9167598258</u> Billing Email: <u>mattf@rogue.com</u>				<b>Project Details</b> Turnaround Time: <u>5 Business Days   Req. For Micro Testing   Standard</u> Relinquishment   Sampling, Courier & Shipping Options: <u>By Shipping Service (USPS, UPS, Fedex)</u> <b>Receipt Information</b> Prelog Storage: <u>Canna Shelves</u> Sample Condition: <u>Satisfactory</u>			Testing H0014 - Potency Cannabis (Basic)
#	Sample Name	Material	Amount Provided	Reporting Unit	Serving Size	Additional Test Requests and Sample Comments	
1	Ginger Yuzu - 27241	Cannabinoid Beverage	50 ml	mg/serving	473 g	473 mL / serving	✓
2	Lavender Mint Lemonade - 27241	Cannabinoid Beverage	50 ml	mg/serving	473 g	473 mL / serving	✓

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	Evidence of Cooling?

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the [current terms of services](#) associated with this COC. By signing "Relinquished by" you are agreeing to these terms.

Columbia Laboratories  
 12423 NE Whitaker Way  
 Portland, OR 97230

P: (503) 254-1794  
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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: 2408252

Laboratory Control Sample										
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes	
CBDVA	2	0.0010	0.0009	%	101	80.0	- 120	Acceptable		
CBDV	2	0.0009	0.0009	%	101	80.0	- 120	Acceptable		
CBE	2	0.0004	0.0004	%	99.9	80.0	- 120	Acceptable		
CBDA	1	0.00108	0.00110	%	98.8	90.0	- 110	Acceptable		
CBGA	1	0.00105	0.00105	%	100.0	80.0	- 120	Acceptable		
CBG	1	0.00104	0.00104	%	100	80.0	- 120	Acceptable		
CBD	1	0.0010	0.00100	%	98.6	90.0	- 110	Acceptable		
THCV	2	0.00104	0.00103	%	102	80.0	- 120	Acceptable		
d8THCV	2	0.00105	0.00104	%	100	80.0	- 120	Acceptable		
THCVA	2	0.0009	0.0009	%	101	80.0	- 120	Acceptable		
CBN	1	0.00102	0.00101	%	101	80.0	- 120	Acceptable		
exo-THC	2	0.0009	0.0009	%	101	80.0	- 120	Acceptable		
d9THC	1	0.00105	0.00102	%	103	90.0	- 110	Acceptable		
d8THC	1	0.00103	0.00102	%	101	90.0	- 110	Acceptable		
9S-d10THC	1	0.00105	0.00105	%	100	80.0	- 120	Acceptable		
CBL	2	0.0010	0.0009	%	101	80.0	- 120	Acceptable		
9R-d10THC	1	0.00108	0.00108	%	99.9	80.0	- 120	Acceptable		
CBC	2	0.00103	0.00102	%	101	80.0	- 120	Acceptable		
THCA	1	0.00105	0.00106	%	99.3	90.0	- 110	Acceptable		
CBCA	2	0.0010	0.0010	%	102	80.0	- 120	Acceptable		
CBLA	2	0.0009	0.0009	%	101	80.0	- 120	Acceptable		
d9THCP	2	0.0010	0.0010	%	102	80.0	- 120	Acceptable		
CBT	2	0.00100	0.0010	%	101	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**

AOAC 2015 V98-6		Batch ID: 2408252						
Sample Duplicate		Sample ID: 24-011716-0001						
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	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBG	0.00283	0.00279	0.0001	%	1.46	< 20	Acceptable	
CBD	0.00576	0.00570	0.0001	%	1.05	< 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.