



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



Report Number: 24-008281/D001.R000
Report Date: 08/07/2024
ORELAP#: OR100028
Purchase Order:
Received: 07/31/24 10:54

Customer: Rogue Ales
Product identity: Pineapple Guava - 27117
Client/Metric ID: .
Laboratory ID: 24-008281-0001

Summary

Potency:

Analyte per 473ml	Result	Limits	Units	Status	
CBD per 473ml	31.5		mg/473ml		CBD-Total per Serving Size 31.5 mg/473ml
					Delta-9-THC-Total per <LOQ
					(Reported in milligrams per serving)

Microbiology:

Less than LOQ for all analytes.



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

Product identity: Pineapple Guava - 27117

Client/Metric ID: .

Sample Date:

Laboratory ID: 24-008281-0001

Evidence of Cooling: No

Temp: 21.9 °C

Relinquished by: client

Serving Size #1: 473.946 g

Density: 1.002 g/ml

Sample Results

Potency per 473ml	Method: J AOAC 2015 V98-6 (mod) ^b	Units mg/se	Batch: 2405921	Analyze: 8/5/24 4:19:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
CBD per 473ml	31.5		mg/473ml	0.470	
CBD-A per 473ml [±]	< LOQ		mg/473ml	0.470	
CBD-Total per 473ml [±]	31.5		mg/473ml	0.882	
CBG per 473ml	< LOQ		mg/473ml	0.470	
CBG-A per 473ml	< LOQ		mg/473ml	0.470	
CBG-Total per 473ml	< LOQ		mg/473ml	0.877	
CBN per 473ml	< LOQ		mg/473ml	0.470	
Δ10-THC-9R per 473ml	< LOQ		mg/473ml	0.470	
Δ10-THC-9S per 473ml	< LOQ		mg/473ml	0.470	
Δ10-THC-Total per 473ml	< LOQ		mg/473ml	0.940	
Δ8-THC per 473ml [±]	< LOQ		mg/473ml	0.470	
Δ9-THC per 473ml [±]	< LOQ		mg/473ml	0.470	
Δ9-THC-Total per 473ml	< LOQ		mg/473ml	0.882	
THC-A per 473ml [±]	< LOQ		mg/473ml	0.470	

Microbiology							
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2405796	08/03/24 AOAC 990.12 (Petrifilm)	
E.coli	< LOQ		cfu/g	10	2405794	08/03/24 AOAC 991.14 (Petrifilm)	
Total Coliforms	< LOQ		cfu/g	10	2405794	08/03/24 AOAC 991.14 (Petrifilm)	
Staphylococcus aureus	< LOQ		cfu/g	10	2405798	08/02/24 AOAC 2003.07	
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2405795	08/04/24 AOAC 2014.05 (RAPID)	
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2405795	08/04/24 AOAC 2014.05 (RAPID)	
Listeria spp.	Negative	/25g			2405801	08/02/24 AOAC 2019.10	
Salmonella spp. by PCR [±]	Negative	/25g			2405799	08/02/24 AOAC 2020.02 ^b	
EHEC including STEC [±]	Negative	/25g			2405800	08/02/24 AOAC RI 121806 ^b	



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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.

[⊥] = TNI accredited analyte.

Units of Measure

/25g = Per 25g

cfu/g = Colony forming units per gram

g = Gram

g/ml = Gram per milliliter

mg/473ml = Milligram per 473ml

% = Percentage of sample

% wt = $\mu\text{g/g}$ divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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Hemp & Cannabis
 Chain of Custody

Rogue-Ales-and-Spirits-
 1722357351

Company Details Company: <u>Rogue Ales and Spirits</u> Contact: <u>Matthew Fulcher</u> Street Address: <u>2320 SE CSU DR</u> City, State, Zip: <u>Newport, Oregon 97365-5261</u> Email: <u>mattf@roque.com</u> Contact Phone: <u>9167598258</u> Company Phone: <u>9167598258</u> Billing Information Billing Phone: <u>9167598258</u> Billing Email: <u>mattf@roque.com</u>				Project Details Turnaround Time: <u>2 Business Days Surcharges Apply</u> Relinquishment Sampling, Courier & Shipping Options: <u>By Shipping Service (USPS, UPS, FedEx)</u> Compliance: <u>Research and Development (RND)</u> Receipt Information Prelog Storage: <u>Canna Shelves</u> Sample Condition: <u>Satisfactory</u>				Testing H0014 - Potency Cannabis (Basic) M0000 - Micro Pro ile X	
#	Sample Name	Material	Amount Provided	Reporting Unit	Serving Size	Additional Test Requests and Sample Comments			
1	Pineapple Guava - 27117	Cannabinoid Beverage	100 ml	mg/serving	473 g	473 mL not g. The reporting unit here is only for potency, for micro, whatever you normally do is good.			

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	Evidence of Cooling?
<i>Matthew Fulcher</i>	<i>07/30/2024</i>	<i>09:35</i>	<i>ont</i>	<i>07/31/2024</i>	<i>10:54</i>	<i>21.90</i>	<i>No</i>

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

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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: 2405921

Laboratory Control Sample										
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes	
CBDVA	2	0.0010	0.0010	%	102	80.0	- 120	Acceptable		
CBDV	2	0.00105	0.00102	%	103	80.0	- 120	Acceptable		
CBE	2	0.00103	0.00102	%	102	80.0	- 120	Acceptable		
CBDA	1	0.0009	0.0009	%	103	90.0	- 110	Acceptable		
CBGA	1	0.0009	0.0009	%	103	80.0	- 120	Acceptable		
CBG	1	0.00111	0.00108	%	103	80.0	- 120	Acceptable		
CBD	1	0.00106	0.00105	%	102	90.0	- 110	Acceptable		
THCV	2	0.0009	0.0009	%	104	80.0	- 120	Acceptable		
d8THCV	2	0.0010	0.0009	%	101	80.0	- 120	Acceptable		
THCVA	2	0.0010	0.0009	%	102	80.0	- 120	Acceptable		
CBN	1	0.00103	0.0010	%	104	80.0	- 120	Acceptable		
exo-THC	2	0.0010	0.0009	%	102	80.0	- 120	Acceptable		
d9THC	1	0.00109	0.00102	%	107	90.0	- 110	Acceptable		
d8THC	1	0.0009	0.0009	%	102	90.0	- 110	Acceptable		
9S-d10THC	1	0.0010	0.0009	%	103	80.0	- 120	Acceptable		
CBL	2	0.00103	0.0010	%	106	80.0	- 120	Acceptable		
9R-d10THC	1	0.0010	0.0009	%	102	80.0	- 120	Acceptable		
CBC	2	0.00103	0.00102	%	101	80.0	- 120	Acceptable		
THCA	1	0.0009	0.0009	%	99.7	90.0	- 110	Acceptable		
CBCA	2	0.0010	0.0010	%	101	80.0	- 120	Acceptable		
CBLA	2	0.00102	0.00100	%	101	80.0	- 120	Acceptable		
d9THCP	2	0.00100	0.0010	%	102	80.0	- 120	Acceptable		
CBT	2	0.0010	0.00101	%	97.9	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



Laboratory Quality Control Results

AOAC 2015 V98-6		Batch ID: 2405921						
Sample Duplicate		Sample ID: 24-008409-0001						
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	0.0003	0.0003	0.0001	%	2.20	< 20	Acceptable	
CBD	0.00853	0.00835	0.0001	%	2.20	< 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	0.0003	0.0003	0.0001	%	2.40	< 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.