



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



Report Number: 24-001160/D002.R000
Report Date: 02/08/2024
ORELAP#: OR100028
Purchase Order:
Received: 02/02/24 10:40

Customer: Rogue Ales
Product identity: Pineapple Guava 26884
Client/Metric ID: .
Laboratory ID: 24-001160-0001

Summary

Potency:

Analyte per 455g	Result	Limits	Units	Status	
CBD per 455g	32.7		mg/455g		CBD-Total per Serving Size 32.7 mg/455g
					THC-Total per Serving Size <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: Pineapple Guava 26884

Client/Metric ID: .

Sample Date:

Laboratory ID: 24-001160-0001

Evidence of Cooling: No

Temp: 20.8 °C

Relinquished by: shipping

Serving Size #1: 455 g

Sample Results

Potency per 455g	Method: J AOAC 2015 V98-6 (mod) ^b	Units mg/se	Batch: 2400916	Analyze: 2/5/24 9:48:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 455g	< LOQ		mg/455g	0.453	
CBC-A per 455g	< LOQ		mg/455g	0.453	
CBC-Total per 455g	< LOQ		mg/455g	0.850	
CBD per 455g	32.7		mg/455g	0.453	
CBD-A per 455g	< LOQ		mg/455g	0.453	
CBD-Total per 455g	32.7		mg/455g	0.850	
CBDV per 455g	< LOQ		mg/455g	0.453	
CBDV-A per 455g	< LOQ		mg/455g	0.453	
CBDV-Total per 455g	< LOQ		mg/455g	0.845	
CBE per 455g	< LOQ		mg/455g	0.453	
CBG per 455g	< LOQ		mg/455g	0.453	
CBG-A per 455g	< LOQ		mg/455g	0.453	
CBG-Total per 455g	< LOQ		mg/455g	0.845	
CBL per 455g	< LOQ		mg/455g	0.453	
CBL-A per 455g	< LOQ		mg/455g	0.453	
CBL-Total per 455g	< LOQ		mg/455g	0.850	
CBN per 455g	< LOQ		mg/455g	0.453	
CBT per 455g	< LOQ		mg/455g	0.453	
Δ8-THCV per 455g	< LOQ		mg/455g	0.453	
Δ10-THC-9R per 455g	< LOQ		mg/455g	0.453	
Δ10-THC-9S per 455g	< LOQ		mg/455g	0.453	
Δ10-THC-Total per 455g	< LOQ		mg/455g	0.905	
Δ8-THC per 455g	< LOQ		mg/455g	0.453	
Δ9-THC per 455g	< LOQ		mg/455g	0.453	
delta-9-THCP per 455g	< LOQ		mg/455g	0.453	
exo-THC per 455g	< LOQ		mg/455g	0.453	
THC-A per 455g	< LOQ		mg/455g	0.453	
THC-Total per 455g	< LOQ		mg/455g	0.850	
THCV per 455g	< LOQ		mg/455g	0.453	
THCV-A per 455g	< LOQ		mg/455g	0.453	



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Potency per 455g					
Method: J AOAC 2015 V98-6 (mod) ^b					
Units mg/se Batch: 2400916 Analyze: 2/5/24 9:48:00 PM					
Analyte	Result	Limits	Units	LOQ	Notes
THCV-Total per 455g	< LOQ		mg/455g	0.850	
Total Cannabinoids per 455g	32.7		mg/455g		



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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
- mg/455g = Milligram per 455g
- % = Percentage of sample
- % wt = µg/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: 2400916

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.0009	0.0010	%	90.4	80.0	- 120	Acceptable	
CBDV	2	0.00106	0.00104	%	101	80.0	- 120	Acceptable	
CBE	2	0.00102	0.00105	%	96.9	80.0	- 120	Acceptable	
CBDA	1	0.0009	0.0009	%	98.4	90.0	- 110	Acceptable	
CBGA	1	0.0009	0.0009	%	98.6	80.0	- 120	Acceptable	
CBG	1	0.0010	0.0010	%	98.8	80.0	- 120	Acceptable	
CBD	1	0.00103	0.00101	%	102	90.0	- 110	Acceptable	
THCV	2	0.00102	0.00104	%	98.8	80.0	- 120	Acceptable	
d8THCV	2	0.0009	0.0009	%	97.6	80.0	- 120	Acceptable	
THCVA	2	0.0009	0.0010	%	90.1	80.0	- 120	Acceptable	
CBN	1	0.0009	0.0009	%	101	80.0	- 120	Acceptable	
exo-THC	2	0.0010	0.0010	%	97.4	80.0	- 120	Acceptable	
d9THC	1	0.0010	0.0009	%	103	90.0	- 110	Acceptable	
d8THC	1	0.0009	0.0009	%	102	90.0	- 110	Acceptable	
9S-d10THC	1	0.0010	0.0010	%	101	80.0	- 120	Acceptable	
CBL	2	0.0010	0.0010	%	98.0	80.0	- 120	Acceptable	
9R-d10THC	1	0.0010	0.0010	%	100	80.0	- 120	Acceptable	
CBC	2	0.00102	0.00105	%	97.5	80.0	- 120	Acceptable	
THCA	1	0.0009	0.0009	%	96.7	90.0	- 110	Acceptable	
CBCA	2	0.0009	0.00100	%	86.8	80.0	- 120	Acceptable	
CBLA	2	0.0009	0.00102	%	90.9	80.0	- 120	Acceptable	
d9THCP	2	0.0010	0.0010	%	99.0	80.0	- 120	Acceptable	
CBT	2	0.00100	0.00104	%	96.4	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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Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2400916						
Sample Duplicate		Sample ID: 24-001120-0001						
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	0.0002	0.0002	0.0001	%	1.14	< 20	Acceptable	
CBD	0.00640	0.00635	0.0001	%	0.789	< 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.