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Report Number: G E E I F E D E E C U E E F  
 Report Date: E F E D E G  
 ORELAP#: U U F E E E G  
 Purchase Order:  
 Received: E E G D E J K J

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Analyte	Result	Units	LOQ	Notes	Serving Size #1		
					Result	Units	LOQ
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Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2504743	07/05/25 AOAC 990.12 (Petrifilm)		
E.coli	< LOQ		cfu/g	10	2504741	07/05/25 AOAC 991.14 (Petrifilm)		
Total Coliforms	< LOQ		cfu/g	10	2504741	07/05/25 AOAC 991.14 (Petrifilm)		
Staphylococcus aureus	< LOQ		cfu/g	10	2504744	07/04/25 AOAC 2003.07		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2504742	07/06/25 AOAC 2014.05 (RAPID)		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2504742	07/06/25 AOAC 2014.05 (RAPID)		
Listeria spp.	Negative		/25g		2504748	07/04/25 AOAC 2019.10		
Salmonella spp. <sup>±</sup>	Negative		/25g		2504746	07/04/25 AOAC 2020.02 <sup>b</sup>		
EHEC including STEC <sup>±</sup>	Negative		/25g		2504747	07/04/25 AOAC 2020.06 <sup>b</sup>		

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



**Report Number:** 25-007410/D002.R001  
**Report Date:** 07/10/2025  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 07/02/25 09:59

**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.

Ⓟ = ISO/IEC 17025:2017 accredited method.

⊥ = TNI accredited analyte.

**Units of Measure**

% = Percentage of sample

mg/355ml = Milligram per 355ml

% wt = µg/g divided by 10,000



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**Hemp & Cannabis  
Chain of Custody**

**Rogue-Ales-and-Spirits-  
1751388310**

<b>Company Details</b> Company: <u>Rogue Ales and Spirits</u> Contact: <u>Matthew Fulcher</u> Street Address: <u>2320 SE OSU DR. B</u> City, State, Zip: <u>Newport, OR 97365-5261</u> Email: <u>mattf@roque.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@roque.com</u>				<b>Project Details</b> Turnaround Time: <u>2 Business Days   Surcharges Apply</u> Relinquishment   Sampling, Courier & Shipping Options: <u>By Shipping Service (USPS, UPS, Fedex)</u> <b>Receipt Information</b> Evidence of Cooling?: No Sample Condition: Satisfactory Prelog Storage: Canna Shelves				Testing M9000 - Micro Profile X II	
#	Sample Name	Material	Amount Provided	Reporting Unit	Serving Size	Additional Test Requests and Sample Comments			
1	Blackberry Cucumber THC - 27520	Cannabinoid Beverage	50 ml	mg/serving	473 g	N/A	✓		
2	Pineapple Guava THC - 27521	Cannabinoid Beverage	150 ml	mg/serving	473 g	Please send potency ASAP and the micro results later.	✓	✓	

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	IR Therm. CL#
<i>Matthew Fulcher</i>	<i>07/01/2025</i>	<i>09:45</i>	<i>DWE</i>	<i>07/02/2025</i>	<i>09:59</i>	<i>20.4</i>	<i>CL-1196</i>
			<i>DWE</i>	<i>07/02/2025</i>	<i>10:12</i>	<i>22.3</i>	<i>CL-1196</i>

ID	Admin Submission Comment(s)	Name	Date, Time
1	Client provided 4 vials	DWE	07/02/2025 10:00

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: 2504799**

**Laboratory Control Sample**

Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	2	0.0009	0.0010	%	96.0	80.0 - 120	Acceptable	
CBDV	2	0.00104	0.00103	%	101	80.0 - 120	Acceptable	
CBE	2	0.00115	0.00116	%	99.3	80.0 - 120	Acceptable	
CBDA	1	0.0009	0.00104	%	90.1	90.0 - 110	Acceptable	
CBGA	1	0.0010	0.00103	%	92.8	80.0 - 120	Acceptable	
CBG	1	0.0010	0.0010	%	97.5	80.0 - 120	Acceptable	
CBD	1	0.0009	0.0010	%	98.3	90.0 - 110	Acceptable	
THCV	2	0.00105	0.00104	%	102	80.0 - 120	Acceptable	
d8THCV	2	0.00110	0.00111	%	98.7	80.0 - 120	Acceptable	
THCVA	2	0.0009	0.0010	%	96.2	80.0 - 120	Acceptable	
CBN	1	0.0010	0.0010	%	101	80.0 - 120	Acceptable	
exo-THC	2	0.0010	0.00100	%	99.4	80.0 - 120	Acceptable	
d9THC	1	0.0010	0.0010	%	102	90.0 - 110	Acceptable	
d8THC	1	0.00102	0.00103	%	98.7	90.0 - 110	Acceptable	
9S-d10THC	1	0.00105	0.00106	%	99.1	80.0 - 120	Acceptable	
CBL	2	0.0010	0.0009	%	105	80.0 - 120	Acceptable	
9R-d10THC	1	0.00106	0.00106	%	99.6	80.0 - 120	Acceptable	
CBC	2	0.00111	0.00112	%	99.7	80.0 - 120	Acceptable	
THCA	1	0.00101	0.00113	%	90.0	90.0 - 110	Acceptable	
CBCA	2	0.0010	0.00101	%	94.3	80.0 - 120	Acceptable	
CBLA	2	0.0010	0.00101	%	96.1	80.0 - 120	Acceptable	
d9THCP	2	0.00101	0.00100	%	101	80.0 - 120	Acceptable	
CBT	2	0.00107	0.00107	%	100.0	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: 2504799						
Sample Duplicate		Sample ID: 25-007208-0003						
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	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.0001	%	NA	< 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	0.0001	0.0001	%	NA	< 20	Acceptable	Q4
exo-THC	<LOQ	<LOQ	0.0001	%	NA	< 20	Acceptable	
d9THC	0.0009	0.00160	0.0001	%	57.6	< 20	Outlier	Q4
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
- Q4 - Non-homogenous sample matrix, affecting RPD result and/or % recoveries.

**Units of Measure:**

% - Percent



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Explanation of QC Flag Comments:

Code	Explanation
A	This analysis was performed on a VOA sample containing headspace.
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.
B3	Dilution water blank of BOD was above the recommended limit; associated samples could be high biased.
CP	Client provided value.
CV	Calculated value.
E	Analyte concentration exceeds the calibration range, results are estimated.
E1	Estimated value.
E2	Estimated value. Matrix interference observed.
H	Holding time was exceeded.
J	Estimated value, above the detection limit and below the LOQ
I	Insufficient sample received to meet method requirements.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitation level raised due to matrix interference.
LOQ3	< LOQ could be due to potential inhibition.
N1	See case narrative
P	Not preserved to the proper pH
P1	Storage temperature out of control
P2	Incubator temperature out of control
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.
Q7	Quality control outside QC limits.
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.
RE	Re-extracted and/or re-analyzed.
REH	The original analysis was within holding time; re-analysis past holding time.
S	Surrogate recovery outside control limit.
T	Tentatively Identified Compound (TIC) by library search.
T1	Confirmed by secondary ion
W	Results are reported on dry weight basis.