



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



Report Number: 24-004258/D001.R000
Report Date: 04/25/2024
ORELAP#: OR100028
Purchase Order:
Received: 04/18/24 10:48

Customer: Rogue Ales
Product identity: Passion Fruit Blueberry 27005
Client/Metric ID: .
Laboratory ID: 24-004258-0001

Summary

Potency:

| Analyte per 473ml | Result | Limits | Units | Status | |
|-------------------|--------|--------|----------|--------|--|
| CBD per 473ml | 28.6 | | mg/473ml | | CBD-Total per Serving Size 28.6 mg/473ml |
| | | | | | 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: Passion Fruit Blueberry 27005

Client/Metric ID: .

Sample Date:

Laboratory ID: 24-004258-0001

Evidence of Cooling: No

Temp: 17.9 °C

Serving Size #1: 473 g

Density: 1.000 g/ml

Sample Results

| Potency per 473ml | | | | | |
|--|--------|--------|----------|-------|-------|
| Method: J AOAC 2015 V98-6 (mod) | | | | | |
| Units mg/se Batch: 2403089 Analyze: 4/23/24 6:06:00 PM | | | | | |
| Analyte | Result | Limits | Units | LOQ | Notes |
| CBD per 473ml | 28.6 | | mg/473ml | 0.466 | |
| CBD-A per 473ml | < LOQ | | mg/473ml | 0.466 | |
| CBD-Total per 473ml | 28.6 | | mg/473ml | 0.876 | |
| CBG per 473ml | < LOQ | | mg/473ml | 0.466 | |
| CBG-A per 473ml | < LOQ | | mg/473ml | 0.466 | |
| CBG-Total per 473ml | < LOQ | | mg/473ml | 0.871 | |
| CBN per 473ml | < LOQ | | mg/473ml | 0.466 | |
| Δ10-THC-9R per 473ml | < LOQ | | mg/473ml | 0.466 | |
| Δ10-THC-9S per 473ml | < LOQ | | mg/473ml | 0.466 | |
| Δ10-THC-Total per 473ml | < LOQ | | mg/473ml | 0.933 | |
| Δ8-THC per 473ml | < LOQ | | mg/473ml | 0.466 | |
| Δ9-THC per 473ml | < LOQ | | mg/473ml | 0.466 | |
| THC-A per 473ml | < LOQ | | mg/473ml | 0.466 | |
| THC-Total per 473ml | < LOQ | | mg/473ml | 0.876 | |



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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.

‡ = 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-
 1713370307

ORELAP ID: OR1000028 ANAB ISO 17025 ID: AT1508

| <p>Company Details 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, unde ned 97365-5261</u> Email: <u>mattf@roque.com</u> Email, CC: <u>acctpay@roque.com</u> Contact Phone: <u>9167598258</u> Company Phone: <u>9167598258</u></p> <p>Billing Information Billing Phone: <u>9167598258</u> Billing Email: <u>mattf@roque.com</u></p> | <p>Project Details 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> Compliance: <u>Research and Development (RND)</u></p> <p>Receipt Information Pre-Log Storage: <u>Canna Shelves</u> Sample Condition: <u>Satisfactory</u></p> | Testing H0014 - Potency Cannabis (Basic) | | | | |
|---|---|---|-----------------|----------------|--------------|---|
| # | Sample Name | Material | Amount Provided | Reporting Unit | Serving Size | |
| 1 | Passion Fruit Blueberry 27005 | Cannabinoid Beverage | 50 ml | mg/serving | 473 g | ✓ |
| 2 | Blackberry Cucumber 27006 | Cannabinoid Beverage | 50 ml | mg/serving | 473 g | ✓ |

| Relinquished By | Date | Time | Received By | Date | Time | Received Temp., °C | Evidence of Cooling? |
|------------------------|-------------------|--------------|-------------|-------------------|--------------|--------------------|----------------------|
| <i>Matthew Fulcher</i> | <i>04/17/2024</i> | <i>09:11</i> | <i>em</i> | <i>04/18/2024</i> | <i>10:48</i> | <i>17.90</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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www.columbiaboratories.com



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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: 2403089**

| Laboratory Control Sample | | | | | | | | | | |
|---------------------------|-----|---------|---------|-------|-------|--------|-------|------------|-------|--|
| Analyte | LCS | Result | Spike | Units | % Rec | Limits | | Evaluation | Notes | |
| CBDVA | 2 | 0.0009 | 0.0010 | % | 91.9 | 80.0 | - 120 | Acceptable | | |
| CBDV | 2 | 0.00107 | 0.00104 | % | 103 | 80.0 | - 120 | Acceptable | | |
| CBE | 2 | 0.00110 | 0.00104 | % | 105 | 80.0 | - 120 | Acceptable | | |
| CBDA | 1 | 0.0009 | 0.0009 | % | 98.3 | 90.0 | - 110 | Acceptable | | |
| CBGA | 1 | 0.0009 | 0.0009 | % | 99.6 | 80.0 | - 120 | Acceptable | | |
| CBG | 1 | 0.00105 | 0.00103 | % | 102 | 80.0 | - 120 | Acceptable | | |
| CBD | 1 | 0.00102 | 0.0010 | % | 103 | 90.0 | - 110 | Acceptable | | |
| THCV | 2 | 0.00110 | 0.00107 | % | 103 | 80.0 | - 120 | Acceptable | | |
| d8THCV | 2 | 0.0007 | 0.0007 | % | 105 | 80.0 | - 120 | Acceptable | | |
| THCVA | 2 | 0.0009 | 0.0010 | % | 90.8 | 80.0 | - 120 | Acceptable | | |
| CBN | 1 | 0.0010 | 0.0010 | % | 104 | 80.0 | - 120 | Acceptable | | |
| exo-THC | 2 | 0.00110 | 0.00107 | % | 103 | 80.0 | - 120 | Acceptable | | |
| d9THC | 1 | 0.00103 | 0.00103 | % | 100 | 90.0 | - 110 | Acceptable | | |
| d8THC | 1 | 0.00101 | 0.0009 | % | 112 | 90.0 | - 110 | Acceptable | Q1 | |
| 9S-d10THC | 1 | 0.0010 | 0.0010 | % | 104 | 80.0 | - 120 | Acceptable | | |
| CBL | 2 | 0.00102 | 0.00105 | % | 97.0 | 80.0 | - 120 | Acceptable | | |
| 9R-d10THC | 1 | 0.0010 | 0.0009 | % | 104 | 80.0 | - 120 | Acceptable | | |
| CBC | 2 | 0.00112 | 0.00106 | % | 106 | 80.0 | - 120 | Acceptable | | |
| THCA | 1 | 0.0009 | 0.0009 | % | 97.8 | 90.0 | - 110 | Acceptable | | |
| CBCA | 2 | 0.0009 | 0.0010 | % | 87.4 | 80.0 | - 120 | Acceptable | | |
| CBLA | 2 | 0.0010 | 0.00104 | % | 92.0 | 80.0 | - 120 | Acceptable | | |
| d9THCP | 2 | 0.00101 | 0.0010 | % | 102 | 80.0 | - 120 | Acceptable | | |
| CBT | 2 | 0.00108 | 0.00105 | % | 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
- Q1 - Quality control result biased high. Only non-detect samples reported.

Units of Measure:

% - Percent



Laboratory Quality Control Results

| AOAC 2015 V98-6 | | Batch ID: 2403089 | | | | | | |
|------------------|---------|---------------------------|--------|-------|------|--------|------------|-------|
| Sample Duplicate | | Sample ID: 24-004258-0001 | | | | | | |
| 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 | <LOQ | <LOQ | 0.0001 | % | NA | < 20 | Acceptable | |
| CBD | 0.00612 | 0.00605 | 0.0001 | % | 1.04 | < 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. |