



Rogue BC 0009

Sample ID: G2L0014-02

Matrix: Hemp Products

Test ID: 5026192

Source ID:

Date Sampled: 12/01/22

Date Accepted: 12/01/22

Rogue Ales & Spirits
mattf@rogue.com

Results at a Glance

Total THC : <LOQ (0.00002%) %

Total CBD : 0.0066 %



**ISO 17025
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LABORATORY**

Eric Wendt
Chief Science Officer - 12/2/2022

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Potency Analysis

Date/Time Extracted: 12/01/22 11:24

Analysis Method/SOP: 215

Batch Identification: 2249054

| Cannabinoids | LOQ (%) | mg/g | mg/unit | Cannabinoids Profile |
|--------------|---------|-------|---------|----------------------|
| Total THC | 0.00002 | < LOQ | < LOQ | |
| Total CBD | 0.00002 | 0.066 | 31.2 | |
| THCA | 0.00002 | < LOQ | < LOQ | |
| delta 9-THC | 0.00002 | < LOQ | < LOQ | |
| delta 8-THC | 0.00091 | < LOQ | < LOQ | |
| THCV | 0.0007 | < LOQ | < LOQ | |
| THCVA | 0.0011 | < LOQ | < LOQ | |
| CBD | 0.00002 | 0.066 | 31.2 | |
| CBDA | 0.00002 | < LOQ | < LOQ | |
| CBDV | 0.00073 | < LOQ | < LOQ | |
| CBDVA | 0.0010 | < LOQ | < LOQ | |
| CBN | 0.0007 | < LOQ | < LOQ | |
| CBG | 0.0008 | < LOQ | < LOQ | |
| CBGA | 0.0010 | < LOQ | < LOQ | |
| CBC | 0.0010 | < LOQ | < LOQ | |

Unit weight = 473 g as provided by client

Total THC = delta 9-THC + (THCA * 0.877)

Total CBD = CBD + (CBDA * 0.877)

Total CBG = CBG + (CBGA * 0.878)

LOQ=Limit of Quantification, the lowest measurable concentration of an analyte.



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Quality Control Potency

Batch: 2249054 - 215-Products

| Blank(2249054-BLK1) | | | | | | | |
|---------------------|--------|--------|-------|------------------|----------------|----------------|-------|
| Analyte | Result | LOQ | Units | %Recovery Limits | Extracted | Analyzed | Notes |
| THCA | < LOQ | 0.0042 | % | | 12/01/22 11:24 | 12/01/22 18:37 | |
| delta 9-THC | < LOQ | 0.0042 | % | | 12/01/22 11:24 | 12/01/22 18:37 | |
| delta 8-THC | < LOQ | 0.1600 | % | | 12/01/22 11:24 | 12/01/22 18:37 | |
| THCV | < LOQ | 0.1248 | % | | 12/01/22 11:24 | 12/01/22 18:37 | |
| THCVA | < LOQ | 0.1868 | % | | 12/01/22 11:24 | 12/01/22 18:37 | |
| CBD | < LOQ | 0.0042 | % | | 12/01/22 11:24 | 12/01/22 18:37 | |
| CBDA | < LOQ | 0.0042 | % | | 12/01/22 11:24 | 12/01/22 18:37 | |
| CBDV | < LOQ | 0.1285 | % | | 12/01/22 11:24 | 12/01/22 18:37 | |
| CBDVA | < LOQ | 0.1764 | % | | 12/01/22 11:24 | 12/01/22 18:37 | |
| CBN | < LOQ | 0.1154 | % | | 12/01/22 11:24 | 12/01/22 18:37 | |
| CBG | < LOQ | 0.1342 | % | | 12/01/22 11:24 | 12/01/22 18:37 | |
| CBGA | < LOQ | 0.1779 | % | | 12/01/22 11:24 | 12/01/22 18:37 | |
| CBC | < LOQ | 0.1683 | % | | 12/01/22 11:24 | 12/01/22 18:37 | |

| Reference(2249054-SRM1) | | | | | | | |
|-------------------------|------------|--------|-------|------------------|----------------|----------------|-------|
| Analyte | % Recovery | LOQ | Units | %Recovery Limits | Extracted | Analyzed | Notes |
| THCA | 110 | 0.0101 | % | 90-110 | 12/01/22 11:24 | 12/01/22 19:00 | |
| delta 9-THC | 99.2 | 0.0101 | % | 90-110 | 12/01/22 11:24 | 12/01/22 19:00 | |
| delta 8-THC | 102 | 0.3888 | % | 90-110 | 12/01/22 11:24 | 12/01/22 19:00 | |
| CBD | 99.5 | 0.0101 | % | 90-110 | 12/01/22 11:24 | 12/01/22 19:00 | |
| CBDA | 95.3 | 0.0101 | % | 90-110 | 12/01/22 11:24 | 12/01/22 19:00 | |



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Notes and Definitions

Regulatory Compliance samples were collected onsite at facility according to ORELAP-SOP-001 and ORELAP-SOP-002 and following Sampling Plan FN117. Quality Control samples were tested as received. Results do not include uncertainty of measurements. Available upon request.

- ATM Non-cannabis matrix related interference or suppression of Internal standard
 - BLI Baseline Interference - Cannabinoid peak interference in chromatographic baseline affecting QC recovery .
 - BLK Analyte detected in method blank, but not associated samples.
 - BSH Blank Spike High - Blank Spike recovery above method limit. no detections in samples.
 - BSL Blank Spike Low - Blank Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
 - C Interference due to co-elution
 - CBD Interference due to co-elution
 - CV1 CBD matrix interference on GC Pest chromatography
 - CV2 CCV was above acceptance criteria, Non-detect samples are considered acceptable.
 - INF CCV was below acceptance criteria, sample still exceeds regulatory limit.
 - ISH One or more QC falls outside acceptance criteria. Data entered into LIMS for informational purposes only.
 - ISL Internal Standard concentration is above acceptance criteria.
 - MSH Internal Standard concentration is below acceptance criteria.
 - MSI Matrix Spike High - Matrix Spike recovery above method limits.
 - MSL Matrix Spike Interference - Matrix spike source sample contains analyte hit above calibration affecting recovery accuracy in Matrix Spike.
 - TPP
 - U Matrix Spike Low - Matrix Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
- Internal Standard concentration outside control limit due to matrix interference



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