



Rogue PG 0010

Sample ID: G2L0014-01

Matrix: Hemp Products

Test ID: 5026191

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 : 0.0065 %



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	0.065	30.7	
THCA	0.00002	< LOQ	< LOQ	
delta 9-THC	0.00002	< LOQ	< LOQ	
delta 8-THC	0.0009	< LOQ	< LOQ	
THCV	0.0007	< LOQ	< LOQ	
THCVA	0.0011	< LOQ	< LOQ	
CBD	0.00002	0.065	30.7	
CBDA	0.00002	< LOQ	< LOQ	
CBDV	0.0008	< LOQ	< LOQ	
CBDVA	0.0010	< LOQ	< LOQ	
CBN	0.0007	< LOQ	< LOQ	
CBG	0.0008	< LOQ	< LOQ	
CBGA	0.0011	< 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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