



### Ginger Beer-S27-Tank-25376-7

Sample ID: G2A0109-01

Matrix: Hemp Products

Test ID: 5021233

Source ID:

Date Sampled: 01/10/22

Date Accepted: 01/10/22

*Rogue Ales & Spirits*

#### Results at a Glance

Total THC : <LOQ (0.00002%) %

Total CBD : 0.0053 %



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LABORATORY**

Eric Wendt  
Chief Science Officer - 1/12/2022



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### Potency Analysis

Date/Time Extracted: 01/11/22 09:45

Analysis Method/SOP: 215

Batch Identification: 2203008

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile
Total THC	0.00002	< LOQ	<p>Legend: CBD 0.0, Total: 0.0</p>
Total CBD	0.00002	0.053	
THCA	0.00002	< LOQ	
delta 9-THC	0.00002	< LOQ	
delta 8-THC	0.0009	< LOQ	
THCV	0.0007	< LOQ	
THCVA	0.0010	< LOQ	
CBD	0.00002	0.053	
CBDA	0.00002	< LOQ	
CBDV	0.0007	< LOQ	
CBDVA	0.00099	< LOQ	
CBN	0.0006	< LOQ	
CBG	0.0007	< LOQ	
CBGA	0.00099	< LOQ	
CBC	0.0009	< LOQ	

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: 2203008 - 215-Products

Blank(2203008-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		01/11/22 09:45	01/11/22 16:16	
delta 9-THC	< LOQ	0.0005	%		01/11/22 09:45	01/11/22 16:16	
delta 8-THC	< LOQ	0.0192	%		01/11/22 09:45	01/11/22 16:16	
THCV	< LOQ	0.0150	%		01/11/22 09:45	01/11/22 16:16	
THCVA	< LOQ	0.0224	%		01/11/22 09:45	01/11/22 16:16	
CBD	< LOQ	0.0005	%		01/11/22 09:45	01/11/22 16:16	
CBDA	< LOQ	0.0005	%		01/11/22 09:45	01/11/22 16:16	
CBDV	< LOQ	0.0154	%		01/11/22 09:45	01/11/22 16:16	
CBDVA	< LOQ	0.0212	%		01/11/22 09:45	01/11/22 16:16	
CBN	< LOQ	0.0138	%		01/11/22 09:45	01/11/22 16:16	
CBG	< LOQ	0.0161	%		01/11/22 09:45	01/11/22 16:16	
CBGA	< LOQ	0.0213	%		01/11/22 09:45	01/11/22 16:16	
CBC	< LOQ	0.0202	%		01/11/22 09:45	01/11/22 16:16	

Reference(2203008-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
delta 9-THC	105	0.0005	%	80-120	01/11/22 09:45	01/11/22 16:40	
CBD	109	0.0005	%	80-120	01/11/22 09:45	01/11/22 16:40	



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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.

- 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.
- 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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