



### **GH-2443**

Sample ID: G4E0057-11

Matrix: Industrial Hemp

Test ID: 5034513

Source ID:

Date Sampled: 05/01/24

Date Accepted: 05/01/24

**Jefferson E-Commerce**  
rebekah@roguecloudco.com

### Results at a Glance

Total CBD : <LOQ (0.002% dry) %

Total CBG : 0.44 %

Percent Moisture : 7.63 % **PASS**



Nolan Mundie  
Lab Director - 5/8/2024



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### Potency Analysis

Date/Time Extracted: 05/04/24 10:22

Analysis Method/SOP: 215

Batch Identification: 2418065

	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile	
Total CBD	0.002	< LOQ	< LOQ		
Total CBG	0.0009	0.44	4.4		
THCA	0.002	16	160		
delta 9-THC	0.002	0.19	1.9		
delta 8-THC	0.005	< LOQ	< LOQ		
THCV	0.005	< LOQ	< LOQ		
THCVA	0.002	0.047	0.47		
CBD	0.0005	< LOQ	< LOQ		
CBDA	0.0005	< LOQ	< LOQ		
CBDV	0.005	< LOQ	< LOQ		
CBDVA	0.002	< LOQ	< LOQ		
CBN	0.003	< LOQ	< LOQ		
CBG	0.0009	< LOQ	< LOQ		
CBGA	0.0009	0.50	5		
CBC	0.010	0.079	0.79		

### Moisture

Date/Time Extracted: 05/06/24 14:26

Analysis Method/SOP: 103

Moisture: 7.63 %

Action Level: 90%

Potency results are reported on a dry weight basis.

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.

THCA, delta 9-THC, delta 8-THC, CBDA and CBD are accredited by TNI 2016 and ISO 17025



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### Quality Control Potency

Batch: 2418065 - 215-Hemp

Blank(2418065-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		05/04/24 10:22	05/06/24 15:59	
delta 9-THC	< LOQ	0.0005	%		05/04/24 10:22	05/06/24 15:59	
delta 8-THC	< LOQ	0.004	%		05/04/24 10:22	05/06/24 15:59	
THCV	< LOQ	0.005	%		05/04/24 10:22	05/06/24 15:59	
THCVA	< LOQ	0.002	%		05/04/24 10:22	05/06/24 15:59	
CBD	< LOQ	0.0005	%		05/04/24 10:22	05/06/24 15:59	
CBDA	< LOQ	0.0005	%		05/04/24 10:22	05/06/24 15:59	
CBDV	< LOQ	0.005	%		05/04/24 10:22	05/06/24 15:59	
CBDVA	< LOQ	0.002	%		05/04/24 10:22	05/06/24 15:59	
CBN	< LOQ	0.003	%		05/04/24 10:22	05/06/24 15:59	
CBG	< LOQ	0.0008	%		05/04/24 10:22	05/06/24 15:59	
CBGA	< LOQ	0.0008	%		05/04/24 10:22	05/06/24 15:59	
CBC	< LOQ	0.009	%		05/04/24 10:22	05/06/24 15:59	

Reference(2418065-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	97.8	0.0005	%	90-110	05/04/24 10:22	05/06/24 16:21	
delta 9-THC	97.2	0.0005	%	90-110	05/04/24 10:22	05/06/24 16:21	
delta 8-THC	95.5	0.004	%	90-110	05/04/24 10:22	05/06/24 16:21	
CBD	110	0.0005	%	90-110	05/04/24 10:22	05/06/24 16:21	
CBDA	105	0.0005	%	90-110	05/04/24 10:22	05/06/24 16:21	

### Moisture Content

Batch: 2419003 - 103

Blank(2419003-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	0.360		%		05/06/24 14:26	05/06/24 14:26	

Blank(2419003-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	0.400		%		05/06/24 14:26	05/06/24 14:26	

Reference(2419003-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	82.6		%	80-120	05/06/24 14:26	05/06/24 14:26	

Reference(2419003-SRM2)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	93.7		%	80-120	05/06/24 14:26	05/06/24 14:26	



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### Notes and Definitions

Regulatory Compliance samples were collected onsite at facility according to SOP-402 and SOP-403 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.
- 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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