



GH-2447

Sample ID: G4F0182-09

Matrix: Industrial Hemp

Test ID: 5022369

Source ID:

Date Sampled: 06/14/24

Date Accepted: 06/14/24

Jefferson E-Commerce
rebekah@roguecloudco.com

Results at a Glance

Total CBD : 0.019 %

Total CBG : 0.56 %

Percent Moisture : 9.73 % PASS



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Potency Analysis

Date/Time Extracted: 06/19/24 14:12

Analysis Method/SOP: 215

Batch Identification: 2425031

	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total CBD	0.002	0.019	0.19	
Total CBG	0.0009	0.56	5.6	
THCA	0.002	17	170	
delta 9-THC	0.002	0.28	2.8	
delta 8-THC	0.005	< LOQ	< LOQ	
THCV	0.006	0.066	0.66	
THCVA	0.002	0.093	0.93	
CBD	0.0006	< LOQ	< LOQ	
CBDA	0.0006	0.022	0.22	
CBDV	0.006	< LOQ	< LOQ	
CBDVA	0.002	< LOQ	< LOQ	
CBN	0.003	0.042	0.42	
CBG	0.0009	0.11	1.1	
CBGA	0.0009	0.51	5.1	
CBC	0.010	0.27	2.7	

Moisture

Date/Time Extracted: 06/20/24 14:58

Analysis Method/SOP: 103

Moisture: 9.73 %

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



Quality Control Potency

Batch: 2425031 - 215-Hemp

Blank(2425031-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		06/19/24 14:12	06/20/24 05:30	
delta 9-THC	< LOQ	0.0005	%		06/19/24 14:12	06/20/24 05:30	
delta 8-THC	< LOQ	0.004	%		06/19/24 14:12	06/20/24 05:30	
THCV	< LOQ	0.005	%		06/19/24 14:12	06/20/24 05:30	
THCVA	< LOQ	0.002	%		06/19/24 14:12	06/20/24 05:30	
CBD	< LOQ	0.0005	%		06/19/24 14:12	06/20/24 05:30	
CBDA	< LOQ	0.0005	%		06/19/24 14:12	06/20/24 05:30	
CBDV	< LOQ	0.005	%		06/19/24 14:12	06/20/24 05:30	
CBDVA	< LOQ	0.002	%		06/19/24 14:12	06/20/24 05:30	
CBN	< LOQ	0.003	%		06/19/24 14:12	06/20/24 05:30	
CBG	< LOQ	0.0008	%		06/19/24 14:12	06/20/24 05:30	
CBGA	< LOQ	0.0008	%		06/19/24 14:12	06/20/24 05:30	
CBC	< LOQ	0.009	%		06/19/24 14:12	06/20/24 05:30	

Reference(2425031-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	94.1	0.0005	%	90-110	06/19/24 14:12	06/20/24 05:53	
delta 9-THC	97.6	0.0005	%	90-110	06/19/24 14:12	06/20/24 05:53	
delta 8-THC	105	0.004	%	90-110	06/19/24 14:12	06/20/24 05:53	
CBD	106	0.0005	%	90-110	06/19/24 14:12	06/20/24 05:53	
CBDA	104	0.0005	%	90-110	06/19/24 14:12	06/20/24 05:53	

Moisture Content

Batch: 2425049 - 103

Blank(2425049-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	0.680		%		06/20/24 14:58	06/20/24 14:58	

Blank(2425049-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	0.770		%		06/20/24 14:58	06/20/24 14:58	

Reference(2425049-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	102		%	80-120	06/20/24 14:58	06/20/24 14:58	

Reference(2425049-SRM2)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	120		%	80-120	06/20/24 14:58	06/20/24 14:58	



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.
C Interference due to co-elution
CBD CBD matrix interference on GC Pest chromatography
CV1 CCV was above acceptance criteria, Non-detect samples are considered acceptable.
CV2 CCV was below acceptance criteria, sample still exceeds regulatory limit.
INF One or more QC falls outside acceptance criteria. Data entered into LIMS for informational purposes only.
ISH 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 Matrix Spike Low - Matrix Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
U Internal Standard concentration outside control limit due to matrix interference