



### **GH-2402**

**Sample ID: G4A0114-04**

**Matrix:** Industrial Hemp

**Test ID:** 5023001

**Source ID:**

**Date Sampled:** 01/10/24

**Date Accepted:** 01/10/24

**Jefferson E-Commerce**  
admin@jeffersoncommerce.com

### Results at a Glance

**Total CBD :** 0.059 %

**Total CBG :** 0.50 %

**Percent Moisture :** 9.18 % **PASS**



Eric Wendt  
Chief Science Officer - 1/12/2024



### GH-2402

Sample ID: G4A0114-04

Matrix: Industrial Hemp

Test ID: 5023001

Source ID:

Date Sampled: 01/10/24

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**Jefferson E-Commerce**  
admin@jeffersoncommerce.com

### Potency Analysis

Date/Time Extracted: 01/11/24 13:25

Analysis Method/SOP: 215

Batch Identification: 2402063

	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile	
Total CBD	0.002	0.059	0.59		
Total CBG	0.0009	0.50	5		
THCA	0.002	23	230		
delta 9-THC	0.002	0.20	2		
delta 8-THC	0.005	< LOQ	< LOQ		
THCV	0.006	< LOQ	< LOQ		
THCVA	0.002	0.16	1.6		
CBD	0.0006	< LOQ	< LOQ		
CBDA	0.0006	0.067	0.67		
CBDV	0.006	< LOQ	< LOQ		
CBDVA	0.002	< LOQ	< LOQ		
CBN	0.003	< LOQ	< LOQ		
CBG	0.0009	0.065	0.65		
CBGA	0.0009	0.50	5		
CBC	0.010	0.037	0.37		

### Moisture

Date/Time Extracted: 01/11/24 14:20

Analysis Method/SOP: 103

Moisture: 9.18 %

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



**ISO 17025**  
ACCREDITED  
LABORATORY

Eric Wendt  
Chief Science Officer - 1/12/2024

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### Quality Control Potency

Batch: 2402063 - 215-Hemp

Blank(2402063-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		01/11/24 13:25	01/11/24 19:58	
delta 9-THC	< LOQ	0.0005	%		01/11/24 13:25	01/11/24 19:58	
delta 8-THC	< LOQ	0.004	%		01/11/24 13:25	01/11/24 19:58	
THCV	< LOQ	0.005	%		01/11/24 13:25	01/11/24 19:58	
THCVA	< LOQ	0.002	%		01/11/24 13:25	01/11/24 19:58	
CBD	< LOQ	0.0005	%		01/11/24 13:25	01/11/24 19:58	
CBDA	< LOQ	0.0005	%		01/11/24 13:25	01/11/24 19:58	
CBDV	< LOQ	0.005	%		01/11/24 13:25	01/11/24 19:58	
CBDVA	< LOQ	0.002	%		01/11/24 13:25	01/11/24 19:58	
CBN	< LOQ	0.003	%		01/11/24 13:25	01/11/24 19:58	
CBG	< LOQ	0.0008	%		01/11/24 13:25	01/11/24 19:58	
CBGA	< LOQ	0.0008	%		01/11/24 13:25	01/11/24 19:58	
CBC	< LOQ	0.009	%		01/11/24 13:25	01/11/24 19:58	

Reference(2402063-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	93.6	0.0005	%	90-110	01/11/24 13:25	01/11/24 20:21	
delta 9-THC	91.8	0.0005	%	90-110	01/11/24 13:25	01/11/24 20:21	
delta 8-THC	104	0.004	%	90-110	01/11/24 13:25	01/11/24 20:21	
CBD	101	0.0005	%	90-110	01/11/24 13:25	01/11/24 20:21	
CBDA	90.1	0.0005	%	90-110	01/11/24 13:25	01/11/24 20:21	

### Moisture Content

Batch: 2402062 - 103

Blank(2402062-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	0.280		%		01/11/24 14:20	01/11/24 14:20	

Blank(2402062-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	0.280		%		01/11/24 14:20	01/11/24 14:20	

Reference(2402062-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	83.9		%	80-120	01/11/24 14:20	01/11/24 14:20	

Reference(2402062-SRM2)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	92.4		%	80-120	01/11/24 14:20	01/11/24 14:20	



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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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