



GH-2419

Sample ID: G4B0378-02

Matrix: Industrial Hemp

Test ID: 5023961

Source ID:

Date Sampled: 02/26/24

Date Accepted: 02/26/24

Jefferson E-Commerce
rebekah@roguecloud.com

Results at a Glance

Total CBD : 0.074 %

Total CBG : 0.55 %

THCA : 20 % dry PASS

Percent Moisture : 12.1 % PASS



Nolan Mundie
Lab Director - 2/28/2024



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Potency Analysis

Date/Time Extracted: 02/27/24 13:29

Analysis Method/SOP: 215

Batch Identification: 2409021

| | LOQ (%) | % by Wt. | mg/g | Cannabinoids Profile |
|-------------|---------|----------|-------|----------------------|
| Total CBD | 0.002 | 0.074 | 0.74 | |
| Total CBG | 0.0009 | 0.55 | 5.5 | |
| THCA | 0.002 | 20 | 200 | |
| delta 9-THC | 0.002 | 0.14 | 1.4 | |
| delta 8-THC | 0.005 | < LOQ | < LOQ | |
| THCV | 0.006 | < LOQ | < LOQ | |
| THCVA | 0.002 | 0.064 | 0.64 | |
| CBD | 0.0006 | < LOQ | < LOQ | |
| CBDA | 0.0006 | 0.085 | 0.85 | |
| CBDV | 0.006 | < LOQ | < LOQ | |
| CBDVA | 0.002 | < LOQ | < LOQ | |
| CBN | 0.003 | < LOQ | < LOQ | |
| CBG | 0.0009 | 0.084 | 0.84 | |
| CBGA | 0.0009 | 0.53 | 5.3 | |
| CBC | 0.010 | 0.057 | 0.57 | |

Moisture

Date/Time Extracted: 02/27/24 14:55

Analysis Method/SOP: 103

Moisture: 12.1 %

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: 2409021 - 215-Hemp

| Blank(2409021-BLK1) | | | | | | | |
|---------------------|--------|--------|-------|------------------|----------------|----------------|-------|
| Analyte | Result | LOQ | Units | %Recovery Limits | Extracted | Analyzed | Notes |
| THCA | < LOQ | 0.0005 | % | | 02/27/24 13:29 | 02/28/24 00:37 | |
| delta 9-THC | < LOQ | 0.0005 | % | | 02/27/24 13:29 | 02/28/24 00:37 | |
| delta 8-THC | < LOQ | 0.004 | % | | 02/27/24 13:29 | 02/28/24 00:37 | |
| THCV | < LOQ | 0.005 | % | | 02/27/24 13:29 | 02/28/24 00:37 | |
| THCVA | < LOQ | 0.002 | % | | 02/27/24 13:29 | 02/28/24 00:37 | |
| CBD | < LOQ | 0.0005 | % | | 02/27/24 13:29 | 02/28/24 00:37 | |
| CBDA | < LOQ | 0.0005 | % | | 02/27/24 13:29 | 02/28/24 00:37 | |
| CBDV | < LOQ | 0.005 | % | | 02/27/24 13:29 | 02/28/24 00:37 | |
| CBDVA | < LOQ | 0.002 | % | | 02/27/24 13:29 | 02/28/24 00:37 | |
| CBN | < LOQ | 0.003 | % | | 02/27/24 13:29 | 02/28/24 00:37 | |
| CBG | < LOQ | 0.0008 | % | | 02/27/24 13:29 | 02/28/24 00:37 | |
| CBGA | < LOQ | 0.0008 | % | | 02/27/24 13:29 | 02/28/24 00:37 | |
| CBC | < LOQ | 0.009 | % | | 02/27/24 13:29 | 02/28/24 00:37 | |

| Reference(2409021-SRM1) | | | | | | | |
|-------------------------|------------|--------|-------|------------------|----------------|----------------|-------|
| Analyte | % Recovery | LOQ | Units | %Recovery Limits | Extracted | Analyzed | Notes |
| THCA | 92.9 | 0.0005 | % | 90-110 | 02/27/24 13:29 | 02/28/24 01:00 | |
| delta 9-THC | 96.5 | 0.0005 | % | 90-110 | 02/27/24 13:29 | 02/28/24 01:00 | |
| delta 8-THC | 106 | 0.004 | % | 90-110 | 02/27/24 13:29 | 02/28/24 01:00 | |
| CBD | 110 | 0.0005 | % | 90-110 | 02/27/24 13:29 | 02/28/24 01:00 | |
| CBDA | 96.4 | 0.0005 | % | 90-110 | 02/27/24 13:29 | 02/28/24 01:00 | |

Moisture Content

Batch: 2409009 - 103

| Blank(2409009-BLK1) | | | | | | | |
|---------------------|--------|-----|-------|------------------|----------------|----------------|-------|
| Analyte | Result | LOQ | Units | %Recovery Limits | Extracted | Analyzed | Notes |
| Percent Moisture | 0.400 | | % | | 02/27/24 14:55 | 02/27/24 14:55 | |

| Blank(2409009-BLK2) | | | | | | | |
|---------------------|--------|-----|-------|------------------|----------------|----------------|-------|
| Analyte | Result | LOQ | Units | %Recovery Limits | Extracted | Analyzed | Notes |
| Percent Moisture | 0.480 | | % | | 02/27/24 14:55 | 02/27/24 14:55 | |

| Reference(2409009-SRM1) | | | | | | | |
|-------------------------|------------|-----|-------|------------------|----------------|----------------|-------|
| Analyte | % Recovery | LOQ | Units | %Recovery Limits | Extracted | Analyzed | Notes |
| Percent Moisture | 89.4 | | % | 80-120 | 02/27/24 14:55 | 02/27/24 14:55 | |

| Reference(2409009-SRM2) | | | | | | | |
|-------------------------|------------|-----|-------|------------------|----------------|----------------|-------|
| Analyte | % Recovery | LOQ | Units | %Recovery Limits | Extracted | Analyzed | Notes |
| Percent Moisture | 95.4 | | % | 80-120 | 02/27/24 14:55 | 02/27/24 14:55 | |



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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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