



### DDBK9112023

Sample ID: G3I0243-01

Matrix: Industrial Hemp

Test ID: 5024024

Source ID:

Date Sampled: 09/18/23

Date Accepted: 09/18/23

Batch Lot ID: DDBK9112023

Harvest/Prod. Date: 09.01.2023

**KMS Ag Consulting**  
kyle@discountpharms.com

### Results at a Glance

Total THC : <LOQ (0.009080%) %

Total CBD : 0.4826 %

Total CBG : 6.509 %

delta 8-THC : 15.44 % **PASS**



**ISO 17025**  
ACCREDITED  
LABORATORY

Eric Wendt  
Chief Science Officer - 9/19/2023

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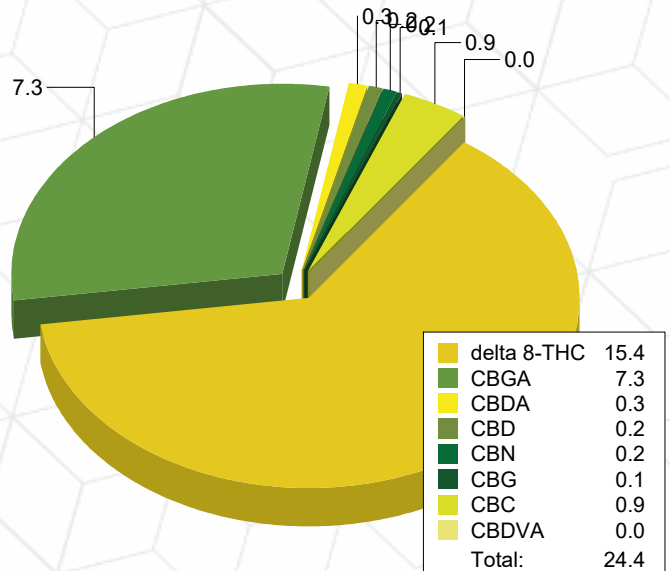
### Potency Analysis by HPLC

Date/Time Extracted: 09/18/23 12:12

Analysis Method/SOP: 215

Batch Identification: 2338007

| Cannabinoids | LOQ (%)  | % by Wt. | mg/g   | Cannabinoids Profile |  |
|--------------|----------|----------|--------|----------------------|--|
| Total THC    | 0.009080 | < LOQ    | < LOQ  |                      |  |
| Total CBD    | 0.002075 | 0.4826   | 4.826  |                      |  |
| Total CBG    | 0.003160 | 6.509    | 65.09  |                      |  |
| THCA         | 5.000E-4 | < LOQ    | < LOQ  |                      |  |
| delta 9-THC  | 5.000E-4 | < LOQ    | < LOQ  |                      |  |
| delta 8-THC  | 0.01796  | 15.44    | 154.4  |                      |  |
| THCV         | 0.005055 | < LOQ    | < LOQ  |                      |  |
| THCVA        | 0.001885 | < LOQ    | < LOQ  |                      |  |
| CBD          | 5.000E-4 | 0.2221   | 2.221  |                      |  |
| CBDA         | 5.000E-4 | 0.2971   | 2.971  |                      |  |
| CBDV         | 0.005000 | < LOQ    | < LOQ  |                      |  |
| CBDVA        | 0.001640 | 0.01917  | 0.1917 |                      |  |
| CBN          | 0.002990 | 0.1626   | 1.626  |                      |  |
| CBG          | 0.003160 | 0.1168   | 1.168  |                      |  |
| CBGA         | 0.003160 | 7.280    | 72.8   |                      |  |
| CBC          | 0.008965 | 0.9042   | 9.042  |                      |  |



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: 2338007 - 215-Hemp

| Blank(2338007-BLK1) |        |          |       |                  |                |                |       |
|---------------------|--------|----------|-------|------------------|----------------|----------------|-------|
| Analyte             | Result | LOQ      | Units | %Recovery Limits | Extracted      | Analyzed       | Notes |
| THCA                | < LOQ  | 5.000E-4 | %     |                  | 09/18/23 12:12 | 09/18/23 17:01 |       |
| delta 9-THC         | < LOQ  | 5.000E-4 | %     |                  | 09/18/23 12:12 | 09/18/23 17:01 |       |
| delta 8-THC         | < LOQ  | 0.004490 | %     |                  | 09/18/23 12:12 | 09/18/23 17:01 |       |
| THCV                | < LOQ  | 0.005055 | %     |                  | 09/18/23 12:12 | 09/18/23 17:01 |       |
| THCVA               | < LOQ  | 0.001885 | %     |                  | 09/18/23 12:12 | 09/18/23 17:01 |       |
| CBD                 | < LOQ  | 5.000E-4 | %     |                  | 09/18/23 12:12 | 09/18/23 17:01 |       |
| CBDA                | < LOQ  | 5.000E-4 | %     |                  | 09/18/23 12:12 | 09/18/23 17:01 |       |
| CBDV                | < LOQ  | 0.005000 | %     |                  | 09/18/23 12:12 | 09/18/23 17:01 |       |
| CBDVA               | < LOQ  | 0.001640 | %     |                  | 09/18/23 12:12 | 09/18/23 17:01 |       |
| CBN                 | < LOQ  | 0.002990 | %     |                  | 09/18/23 12:12 | 09/18/23 17:01 |       |
| CBG                 | < LOQ  | 7.900E-4 | %     |                  | 09/18/23 12:12 | 09/18/23 17:01 |       |
| CBGA                | < LOQ  | 7.900E-4 | %     |                  | 09/18/23 12:12 | 09/18/23 17:01 |       |
| CBC                 | < LOQ  | 0.008965 | %     |                  | 09/18/23 12:12 | 09/18/23 17:01 |       |

| Reference(2338007-SRM1) |            |          |       |                  |                |                |       |
|-------------------------|------------|----------|-------|------------------|----------------|----------------|-------|
| Analyte                 | % Recovery | LOQ      | Units | %Recovery Limits | Extracted      | Analyzed       | Notes |
| THCA                    | 93.4       | 5.000E-4 | %     | 90-110           | 09/18/23 12:12 | 09/18/23 17:24 |       |
| delta 9-THC             | 91.3       | 5.000E-4 | %     | 90-110           | 09/18/23 12:12 | 09/18/23 17:24 |       |
| delta 8-THC             | 92.2       | 0.004490 | %     | 90-110           | 09/18/23 12:12 | 09/18/23 17:24 |       |
| CBD                     | 98.9       | 5.000E-4 | %     | 90-110           | 09/18/23 12:12 | 09/18/23 17:24 |       |
| CBDA                    | 91.8       | 5.000E-4 | %     | 90-110           | 09/18/23 12:12 | 09/18/23 17:24 |       |



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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. 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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