



D8RF23015-0102

Sample ID: G4D0118-02

Matrix: Hemp Products

Test ID: 5027438

Source ID:

Date Sampled: 04/09/24

Date Accepted: 04/09/24

Harvest/Prod. Date: 04.03.2024

Periodic Caramels
shane@periodiccaramels.com

Results at a Glance

Total THC : <LOQ (0.000250%) %

Total CBD : 0.0521 %

Total CBG : 0.0554 %

delta 8-THC : 0.2099 % **PASS**



Patrick Hermonson
Quality Officer - 4/12/2024



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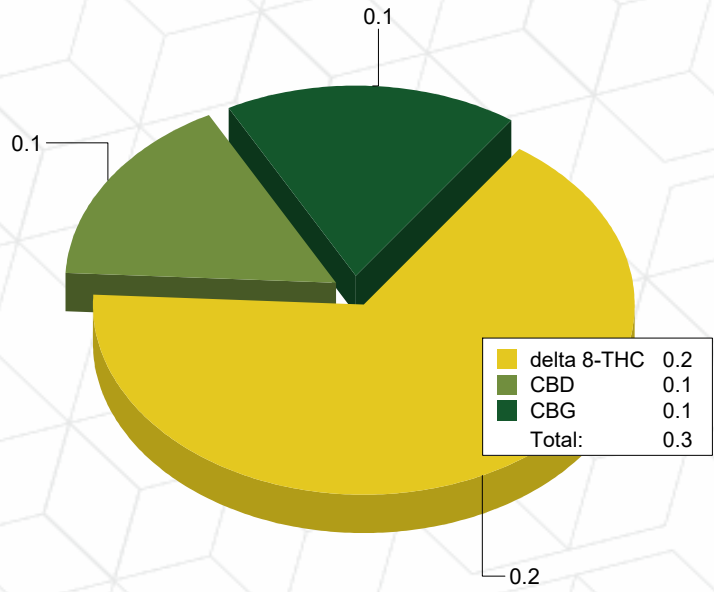
Potency Analysis

Date/Time Extracted: 04/10/24 11:08

Analysis Method/SOP: 215

Batch Identification: 2415035

| Cannabinoids | LOQ (%) | mg/g | Cannabinoids Profile | |
|--------------|----------|-------|----------------------|--|
| Total THC | 0.000250 | < LOQ | | |
| Total CBD | 0.000250 | 0.521 | | |
| Total CBG | 0.0069 | 0.554 | | |
| THCA | 0.000250 | < LOQ | | |
| delta 9-THC | 0.000250 | < LOQ | | |
| delta 8-THC | 0.0096 | 2.099 | | |
| THCV | 0.0075 | < LOQ | | |
| THCVA | 0.0112 | < LOQ | | |
| CBD | 0.000250 | 0.521 | | |
| CBDA | 0.000250 | < LOQ | | |
| CBDV | 0.0077 | < LOQ | | |
| CBDVA | 0.0106 | < LOQ | | |
| CBN | 0.0069 | < LOQ | | |
| CBG | 0.0081 | 0.554 | | |
| CBGA | 0.0107 | < LOQ | | |
| CBC | 0.0101 | < LOQ | | |



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: 2415035 - 215-Products

| Blank(2415035-BLK1) | | | | | | | |
|---------------------|--------|--------|-------|------------------|----------------|----------------|-------|
| Analyte | Result | LOQ | Units | %Recovery Limits | Extracted | Analyzed | Notes |
| THCA | < LOQ | 0.0039 | % | | 04/10/24 11:08 | 04/10/24 17:42 | |
| delta 9-THC | < LOQ | 0.0039 | % | | 04/10/24 11:08 | 04/10/24 17:42 | |
| delta 8-THC | < LOQ | 0.1508 | % | | 04/10/24 11:08 | 04/10/24 17:42 | |
| THCV | < LOQ | 0.1176 | % | | 04/10/24 11:08 | 04/10/24 17:42 | |
| THCVA | < LOQ | 0.1761 | % | | 04/10/24 11:08 | 04/10/24 17:42 | |
| CBD | < LOQ | 0.0039 | % | | 04/10/24 11:08 | 04/10/24 17:42 | |
| CBDA | < LOQ | 0.0039 | % | | 04/10/24 11:08 | 04/10/24 17:42 | |
| CBDV | < LOQ | 0.1210 | % | | 04/10/24 11:08 | 04/10/24 17:42 | |
| CBDVA | < LOQ | 0.1662 | % | | 04/10/24 11:08 | 04/10/24 17:42 | |
| CBN | < LOQ | 0.1087 | % | | 04/10/24 11:08 | 04/10/24 17:42 | |
| CBG | < LOQ | 0.1264 | % | | 04/10/24 11:08 | 04/10/24 17:42 | |
| CBGA | < LOQ | 0.1676 | % | | 04/10/24 11:08 | 04/10/24 17:42 | |
| CBC | < LOQ | 0.1586 | % | | 04/10/24 11:08 | 04/10/24 17:42 | |

| Reference(2415035-SRM1) | | | | | | | |
|-------------------------|------------|--------|-------|------------------|----------------|----------------|-------|
| Analyte | % Recovery | LOQ | Units | %Recovery Limits | Extracted | Analyzed | Notes |
| THCA | 97.3 | 0.0253 | % | 90-110 | 04/10/24 11:08 | 04/10/24 18:05 | |
| delta 9-THC | 98.6 | 0.0253 | % | 90-110 | 04/10/24 11:08 | 04/10/24 18:05 | |
| delta 8-THC | 105 | 0.9715 | % | 90-110 | 04/10/24 11:08 | 04/10/24 18:05 | |
| CBD | 98.6 | 0.0253 | % | 90-110 | 04/10/24 11:08 | 04/10/24 18:05 | |
| CBDA | 98.4 | 0.0253 | % | 90-110 | 04/10/24 11:08 | 04/10/24 18:05 | |



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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.
- C Interference due to co-elution
- 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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This is for informational testing and is not compliance testing. Lab results apply to the sample as received.