



### CBG.7.1.21

Sample ID: G1G0033-09

Matrix: Hemp Products

Test ID: 5015406

Source ID:

Date Sampled: 07/02/21

Date Accepted: 07/02/21

*Flora Sophia Botanicals*

### Results at a Glance

Total THC : <LOQ (0.1218%) %

Total CBD : 0.2936 %

Total CBG : 2.415 %



**ISO 17025  
ACCREDITED  
LABORATORY**

*Brittany Wiemer*

Brittany Wiemer  
Quality Officer - 7/5/2021

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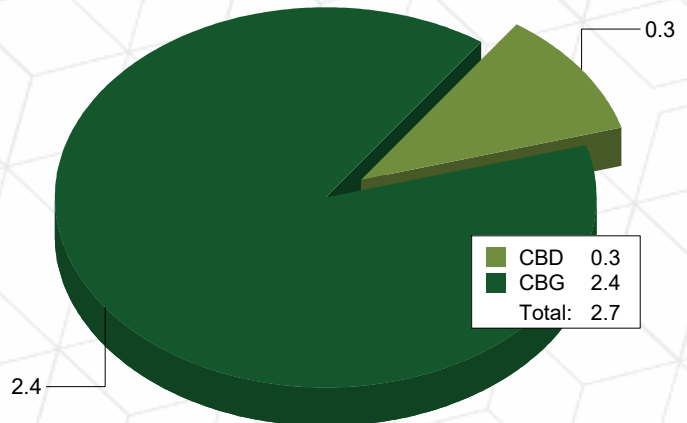
### Potency Analysis

Date/Time Extracted: 07/02/21 10:27

Analysis Method/SOP: 215

Batch Identification: 2127060

| Cannabinoids | LOQ (%) | mg/g  | Cannabinoids Profile |
|--------------|---------|-------|----------------------|
| Total THC    | 0.1218  | < LOQ |                      |
| Total CBD    | 0.1270  | 2.936 |                      |
| Total CBG    | 0.1104  | 24.15 |                      |
| THCA         | 0.1758  | < LOQ |                      |
| delta 9-THC  | 0.1218  | < LOQ |                      |
| THCV         | 0.1195  | < LOQ |                      |
| THCVA        | 0.1788  | < LOQ |                      |
| CBD          | 0.1270  | 2.936 |                      |
| CBDA         | 0.1751  | < LOQ |                      |
| CBDV         | 0.1229  | < LOQ |                      |
| CBDVA        | 0.1688  | < LOQ |                      |
| CBN          | 0.1104  | < LOQ |                      |
| CBG          | 0.1284  | 24.15 |                      |
| CBGA         | 0.1702  | < LOQ |                      |
| CBC          | 0.1611  | < 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.



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### Quality Control Potency

Batch: 2127060 - 215-Products

| Blank(2127060-BLK1) |        |        |       |                  |                |                |       |
|---------------------|--------|--------|-------|------------------|----------------|----------------|-------|
| Analyte             | Result | LOQ    | Units | %Recovery Limits | Extracted      | Analized       | Notes |
| THCA                | < LOQ  | 0.0221 | %     |                  | 07/02/21 10:27 | 07/02/21 18:12 |       |
| delta 9-THC         | < LOQ  | 0.0153 | %     |                  | 07/02/21 10:27 | 07/02/21 18:12 |       |
| THCV                | < LOQ  | 0.0150 | %     |                  | 07/02/21 10:27 | 07/02/21 18:12 |       |
| THCVA               | < LOQ  | 0.0224 | %     |                  | 07/02/21 10:27 | 07/02/21 18:12 |       |
| CBD                 | < LOQ  | 0.0159 | %     |                  | 07/02/21 10:27 | 07/02/21 18:12 |       |
| CBDA                | < LOQ  | 0.0220 | %     |                  | 07/02/21 10:27 | 07/02/21 18:12 |       |
| CBDV                | < LOQ  | 0.0154 | %     |                  | 07/02/21 10:27 | 07/02/21 18:12 |       |
| CBDVA               | < LOQ  | 0.0212 | %     |                  | 07/02/21 10:27 | 07/02/21 18:12 |       |
| CBN                 | < LOQ  | 0.0138 | %     |                  | 07/02/21 10:27 | 07/02/21 18:12 |       |
| CBG                 | < LOQ  | 0.0161 | %     |                  | 07/02/21 10:27 | 07/02/21 18:12 |       |
| CBGA                | < LOQ  | 0.0213 | %     |                  | 07/02/21 10:27 | 07/02/21 18:12 |       |
| CBC                 | < LOQ  | 0.0202 | %     |                  | 07/02/21 10:27 | 07/02/21 18:12 |       |

| Reference(2127060-SRM1) |            |        |       |                  |                |                |       |
|-------------------------|------------|--------|-------|------------------|----------------|----------------|-------|
| Analyte                 | % Recovery | LOQ    | Units | %Recovery Limits | Extracted      | Analized       | Notes |
| delta 9-THC             | 99.0       | 0.0153 | %     | 80-120           | 07/02/21 10:27 | 07/02/21 18:35 |       |
| CBD                     | 104        | 0.0159 | %     | 80-120           | 07/02/21 10:27 | 07/02/21 18:35 |       |



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### Notes and Definitions

- 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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