



**4206902**

Sample ID: G2K0085-02

Matrix: Hemp Extracts &

Test ID: 5026146

Source ID:

Date Sampled: 11/04/22

Date Accepted: 11/04/22

Harvest/Prod. Date: 11.01.2022

**Butter OG, LLC**  
coa@butterog.com

### Results at a Glance

Total THC : <LOQ (0.1577%) %

Total CBD : <LOQ (0.0431%) %

delta 8-THC : 82.71 % **PASS**



**ISO 17025  
ACCREDITED  
LABORATORY**

Eric Wendt  
Chief Science Officer - 11/8/2022

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### Potency Analysis

Date/Time Extracted: 11/07/22 10:27

Analysis Method/SOP: 215

Batch Identification: 2246001

| Cannabinoids              | LOQ (%) | % by Wt.     | mg/g         | Cannabinoids Profile   |
|---------------------------|---------|--------------|--------------|--|
| Total THC                 | 0.1577  | < LOQ        | < LOQ        | <p>82.7</p> <p>2.5</p> <p>82.7</p> <p>2.5</p> <p>Total: 85.2</p> |
| Total CBD                 | 0.0431  | < LOQ        | < LOQ        |  |
| THCA                      | 0.0005  | < LOQ        | < LOQ        |  |
| delta 9-THC               | 0.0005  | < LOQ        | < LOQ        |  |
| delta 8-THC               | 0.0934  | 82.71        | 827.1        |  |
| THCV                      | 0.1052  | < LOQ        | < LOQ        |  |
| THCVA                     | 0.0392  | < LOQ        | < LOQ        |  |
| CBD                       | 0.0005  | < LOQ        | < LOQ        |  |
| CBDA                      | 0.0005  | < LOQ        | < LOQ        |  |
| CBDV                      | 0.1040  | < LOQ        | < LOQ        |  |
| CBDVA                     | 0.0341  | < LOQ        | < LOQ        |  |
| CBN                       | 0.0622  | < LOQ        | < LOQ        |  |
| CBG                       | 0.0164  | < LOQ        | < LOQ        |  |
| CBGA                      | 0.0164  | < LOQ        | < LOQ        |  |
| CBC                       | 0.0186  | 2.514        | 25.14        |  |
| <b>Total Cannabinoids</b> |         | <b>85.22</b> | <b>852.2</b> |  |

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: 2246001 - 215-Concentrates

| Blank(2246001-BLK1) |        |        |       |                  |                |                |       |
|---------------------|--------|--------|-------|------------------|----------------|----------------|-------|
| Analyte             | Result | LOQ    | Units | %Recovery Limits | Extracted      | Analyzed       | Notes |
| THCA                | < LOQ  | 0.0005 | %     |                  | 11/07/22 10:27 | 11/07/22 16:31 |       |
| delta 9-THC         | < LOQ  | 0.0005 | %     |                  | 11/07/22 10:27 | 11/07/22 16:31 |       |
| delta 8-THC         | < LOQ  | 0.0934 | %     |                  | 11/07/22 10:27 | 11/07/22 16:31 |       |
| THCV                | < LOQ  | 0.1052 | %     |                  | 11/07/22 10:27 | 11/07/22 16:31 |       |
| THCVA               | < LOQ  | 0.0392 | %     |                  | 11/07/22 10:27 | 11/07/22 16:31 |       |
| CBD                 | < LOQ  | 0.0005 | %     |                  | 11/07/22 10:27 | 11/07/22 16:31 |       |
| CBDA                | < LOQ  | 0.0005 | %     |                  | 11/07/22 10:27 | 11/07/22 16:31 |       |
| CBDV                | < LOQ  | 0.1040 | %     |                  | 11/07/22 10:27 | 11/07/22 16:31 |       |
| CBDVA               | < LOQ  | 0.0341 | %     |                  | 11/07/22 10:27 | 11/07/22 16:31 |       |
| CBN                 | < LOQ  | 0.0622 | %     |                  | 11/07/22 10:27 | 11/07/22 16:31 |       |
| CBG                 | < LOQ  | 0.0164 | %     |                  | 11/07/22 10:27 | 11/07/22 16:31 |       |
| CBGA                | < LOQ  | 0.0164 | %     |                  | 11/07/22 10:27 | 11/07/22 16:31 |       |
| CBC                 | < LOQ  | 0.0186 | %     |                  | 11/07/22 10:27 | 11/07/22 16:31 |       |

| Reference(2246001-SRM1) |            |        |       |                  |                |                |       |
|-------------------------|------------|--------|-------|------------------|----------------|----------------|-------|
| Analyte                 | % Recovery | LOQ    | Units | %Recovery Limits | Extracted      | Analyzed       | Notes |
| THCA                    | 97.4       | 0.0002 | %     | 90-110           | 11/07/22 10:27 | 11/07/22 16:54 |       |
| delta 9-THC             | 104        | 0.0002 | %     | 90-110           | 11/07/22 10:27 | 11/07/22 16:54 |       |
| delta 8-THC             | 102        | 0.0465 | %     | 90-110           | 11/07/22 10:27 | 11/07/22 16:54 |       |
| CBD                     | 106        | 0.0002 | %     | 90-110           | 11/07/22 10:27 | 11/07/22 16:54 |       |
| CBDA                    | 101        | 0.0002 | %     | 90-110           | 11/07/22 10:27 | 11/07/22 16:54 |       |



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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. Laboratory results do not take into account the 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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