



**12025 NE Marx St. Portland, OR 97220**

**503-253-3511 / www.greenleaflabs.com**

**License#: 10029074C70**

**Quality Control Testing**

**Official Report**

**Dragon Berry Sugar**

**Sample ID: G4E0060-04 Matrix:** Hemp Extracts & Concentrates

**Test ID:** 5034495

**Source ID:**

**Date Sampled:** 07/30/24 **Date Accepted:** 07/30/24

|  |
| --- |
| **Results at a Glance** |
| **Total THC : 84.66 %**  **Total CBD : <LOQ (0.0431%) %** |



Nolan Mundie

Lab Director - 8/17/2024

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**Sample ID: G4E0060-04 Matrix:** Hemp Extracts & Concentrates

**Test ID:** 5034495

**Source ID:**

**Date Sampled:** 07/30/24 **Date Accepted:** 07/30/24

**Potency Analysis**

**Date/Time Extracted: 08/07/24 10:04 Analysis Method/SOP: 215 Batch Identification: 2418064**



|  |
| --- |
| **Cannabinoids Profile** |

**Cannabinoids**

**% by Wt.**

**LOQ (%)**

**mg/g**

|  |  |
| --- | --- |
| Total THC Total CBD  THCA  delta 9-THC delta 8-THC THCV THCVA  CBD  CBDA CBDV CBDVA CBN CBG CBGA  CBC | 0.0005 0.0431 0.0005 0.0005 0.0934 0.1052 0.0392 0.0005 0.0005 0.1040 0.0341 0.0622 0.0164 0.0164  0.0186 |

**Total Cannabinoids**

84.66

< LOQ

96.53

< LOQ

< LOQ

< LOQ

< LOQ

< LOQ

< LOQ

< LOQ

< LOQ

< LOQ

< LOQ

< LOQ

< LOQ

96.53

846.6

< LOQ

965.3

< LOQ

< LOQ

< LOQ

< LOQ

< LOQ

< LOQ

< LOQ

< LOQ

< LOQ

< LOQ

< LOQ

< LOQ

965.3

|  |
| --- |
| THCA 96.5  Total: 96.5 |

96.5

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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**Potency**

***Batch: 2418064 - 215-Concentrates***

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Blank(2418064-BLK1)**  **Analyte** | **Result** | **LOQ** | **Units** | **%Recovery Limits** | **Extracted** | **Analyzed** | **Notes** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| THCA | < LOQ | 0.0005 | % | 08/07/24 | 10:04 | 08/07/24 | 14:06 |
| delta 9-THC | < LOQ | 0.0005 | % | 08/07/24 | 10:04 | 08/07/24 | 14:06 |
| delta 8-THC | < LOQ | 0.0934 | % | 08/07/24 | 10:04 | 08/07/24 | 14:06 |
| THCV | < LOQ | 0.1052 | % | 08/07/24 | 10:04 | 08/07/24 | 14:06 |
| THCVA | < LOQ | 0.0392 | % | 08/07/24 | 10:04 | 08/07/24 | 14:06 |
| CBD | < LOQ | 0.0005 | % | 08/07/24 | 10:04 | 08/07/24 | 14:06 |
| CBDA | < LOQ | 0.0005 | % | 08/07/24 | 10:04 | 08/07/24 | 14:06 |
| CBDV | < LOQ | 0.1040 | % | 08/07/24 | 10:04 | 08/07/24 | 14:06 |
| CBDVA | < LOQ | 0.0341 | % | 08/07/24 | 10:04 | 08/07/24 | 14:06 |
| CBN | < LOQ | 0.0622 | % | 08/07/24 | 10:04 | 08/07/24 | 14:06 |
| CBG | < LOQ | 0.0164 | % | 08/07/24 | 10:04 | 08/07/24 | 14:06 |
| CBGA | < LOQ | 0.0164 | % | 08/07/24 | 10:04 | 08/07/24 | 14:06 |
| CBC | < LOQ | 0.0186 | % | 08/07/24 | 10:04 | 08/07/24 | 14:06 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Reference(2418064-SRM1)** | | | | | | | |
| **Analyte** | **% Recovery** | **LOQ** | **Units** | **%Recovery Limits** | **Extracted** | **Analyzed** | **Notes** |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| THCA | 102 | 0.00005 | % | 90- 110 | 08/07/24 | 10:04 | 08/07/24 | 14:29 |
| delta 9-THC | 93.9 | 0.00005 | % | 90- 110 | 08/07/24 | 10:04 | 08/07/24 | 14:29 |
| delta 8-THC | 102 | 0.0088 | % | 90- 110 | 08/07/24 | 10:04 | 08/07/24 | 14:29 |
| CBD | 97.4 | 0.00005 | % | 90- 110 | 08/07/24 | 10:04 | 08/07/24 | 14:29 |
| CBDA | 95.8 | 0.00005 | % | 90- 110 | 08/07/24 | 10:04 | 08/07/24 | 14:29 |

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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

C 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

TPP recovery accuracy in Matrix Spike.

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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