

# Certificate of Analysis

For R&D Use Only - Not a California Compliance Certificate.

## Black Rainbow

Total CBD

ND

Total THC

28.87 %

Total Cannabinoids

32.91 %

Matrix:

Plant

Unit Mass:

1 g per unit

Sample ID:

46541017

Date Received:

10/17/2024



Approved By:

Marie True, M.S.

Laboratory Manager

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**References:** limit of detection (LOD), limit of quantitation (LOQ), not detected (ND), not tested (NT)

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## Cannabinoid Analysis

Complete

| Analyte            | LOD (%) | LOQ (%) | Mass (%) | Mass (mg/g) |
|--------------------|---------|---------|----------|-------------|
| CBDV               | 0.0035  | 0.011   | ND       | ND          |
| CBD                | 0.0030  | 0.0090  | ND       | ND          |
| CBG                | 0.0038  | 0.011   | ND       | ND          |
| CBDA               | 0.0017  | 0.0052  | ND       | ND          |
| CBN                | 0.00080 | 0.0024  | ND       | ND          |
| Delta 9-THC        | 0.0022  | 0.0067  | 0.059    | 0.59        |
| Delta 8-THC        | 0.0020  | 0.0059  | ND       | ND          |
| CBC                | 0.00070 | 0.0021  | ND       | ND          |
| THCA               | 0.0024  | 0.0073  | 32.847   | 328.47      |
| Total CBD          |         |         | ND       | ND          |
| Total THC          |         |         | 28.865   | 288.65      |
| Total Cannabinoids |         |         | 32.905   | 329.05      |

Date Tested: 10/17/2024

Total THC = THCa \* 0.877 + d9-THC + d8-THC

Total CBD = CBDa \* 0.877 + CBD

| Method References:                                                                                                                                                                                                                                                                                                                                                                                                                                 | Testing Location          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Cannabinoid Profile (UNODC)                                                                                                                                                                                                                                                                                                                                                                                                                        | FESA Labs - Santa Ana, CA |
| Official Methods of Analysis, Method 2018.11.AOAC INTERNATIONAL (modified), Lukas Vaclavik, Frantisek Benes, Alex Krmela, Veronika Svobodova, Jana Hajsolva, and Katerina Mastovska, "Quantification of Cannabinoids in Cannabis Dried Plant Materials, Concentrates, and Oils Liquid Chromatography-Diode Array Detection Technique with Optional Mass Spectrometric Detection," First Action Method, Journal of AOAC International, Future Issue |                           |
| United Nations Office on Drugs and Crime - Recommended methods for identification and analysis of cannabis and cannabis products                                                                                                                                                                                                                                                                                                                   |                           |

| Testing Location:                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------|
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