

Certificate of Analysis

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

Gemlatto

| | |
|--------------------|---------|
| Total CBD | ND |
| Total THC | 29.29 % |
| Total Cannabinoids | 33.36 % |

Sample Name:
Caffeine

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
46540715

Date Received:
7/15/2024


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 | 0.256 | 2.56 |
| Delta 8-THC | 0.0020 | 0.0059 | ND | ND |
| CBC | 0.00070 | 0.0021 | ND | ND |
| THCA | 0.0024 | 0.0073 | 33.103 | 331.03 |
| Total CBD | | | ND | ND |
| Total THC | | | 29.288 | 292.88 |
| Total Cannabinoids | | | 33.359 | 333.59 |

Date Tested: 7/15/2024
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 Hajsova, 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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