

Certificate of Analysis

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

CB9 Batch 1

Client: Bona Voluntate



Total CBD **ND**

Total THC **ND**

Total Cannabinoids **96.00-98.00 %**

Sample Name:

CB9 Batch 1

Matrix:

Concentrate

Unit Mass:

1 g per unit

Sample ID:

32831101-1

Date Received:

11/1/2023

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 | ND | ND |
| Delta 8-THC | 0.0020 | 0.0059 | ND | ND |
| CBC | 0.00070 | 0.0021 | ND | ND |
| THCA | 0.0024 | 0.0073 | ND | ND |
| CB9 | 0.00036 | 0.0012 | 96.00-98.00 | 960.00-980.00 |
| Total CBD | | | ND | ND |
| Total THC | | | ND | ND |
| Total Cannabinoids | | | 96.00-98.00 | 960.00-980.00 |

Date Tested: 11/1/2023

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

Total CBD = CBDa * 0.877 + CBD

**CB9 = A semi-qualitative analysis of a novel compound synthesized from 97% precursor (hemp-derived). Result of CB9 is an assumption of 100% consumption and conversion of precursor. Precursor was found to be completely consumed. Range is based off of qualitative analysis using molar absorptivity of precursor molecules.

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:

FESA Labs
2002 S. Grand Ave., Suite A
Santa Ana, CA 92705
(714) 540-0172
www.fesalabs.com