

Certificate of Analysis:
Crystalline Cannabidiol



Product Name

CC – Crystalline Cannabidiol

Batch Number

CC18151

Manufacture Date

July 30, 2018

Expiration Date

July 2019

Botanical Source

Industrial hemp, grown and processed in Kentucky, USA in compliance with Section 7606 of the Farm Bill and applicable Kentucky State Law and State Department of Agriculture regulations.

Product Description

This product is hemp derived crystalline cannabidiol, isolated through CO₂ extraction and crystal precipitation. CBD content is validated through HPLC.

Qualitative Analysis

| OBSERVATION | METHOD | RESULT |
|-----------------|--------------------------|-------------------|
| Foreign Matter | Gross Visual/Microscopic | Absent |
| Color | Gross Visual/Microscopic | White/Off-White |
| Molds & Mildews | Gross Visual/Microscopic | Absent |
| Smell | Olfactory | Absent |
| Product Feel | Tactile | Crystalline, Fine |

Quantitative Analysis

| Cannabinoid Analysis | | RESULT: PASS |
|------------------------------------|-----------------|---------------|
| IDENTIFICATION | METHOD | RESULT |
| Cannabinoid | HPLC-DAD | %wt/wt |
| Cannabidiolic Acid (CBDA) | HPLC-DAD | N/D |
| Cannabidiol (CBD) | HPLC-DAD | 99.25% |
| Cannabidivarin (CBDV) | HPLC-DAD | 0.20% |
| Tetrahydrocannabinolic Acid (THCA) | HPLC-DAD | N/D |
| Δ-9-Tetrahydrocannabinol (Δ-9-THC) | HPLC-DAD | N/D |
| Cannabinol (CBN) | HPLC-DAD | N/D |
| Cannabichromene (CBC) | HPLC-DAD | N/D |

***Denotes third party analysis. Source data available upon request.*

N/A NOT APPLICABLE TO PRODUCT TYPE

N/D NOT DETECTED

Christopher E Stubbs, CSO