

# Certificate of Analysis

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

## Mood Swings

Client: FC Distribution

Sample Name: Mood Swings

Batch Number: N/A

Matrix: Plant

Unit Mass: 1 g per unit

Sample ID: 46850519-70

Date Received: 5/19/2025



|                           |                |
|---------------------------|----------------|
| <b>Total CBD</b>          | <b>ND</b>      |
| <b>Delta 9-THC</b>        | <b>0.20 %</b>  |
| <b>THCA</b>               | <b>26.58 %</b> |
| <b>Total Cannabinoids</b> | <b>26.78 %</b> |

### 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            |
| <b>Delta 9-THC</b>        | <b>0.0022</b> | <b>0.0067</b> | <b>0.200</b>  | <b>2.00</b>   |
| Delta 8-THC               | 0.0020        | 0.0059        | ND            | ND            |
| CBC                       | 0.00070       | 0.0021        | ND            | ND            |
| <b>THCA</b>               | <b>0.0024</b> | <b>0.0073</b> | <b>26.581</b> | <b>265.81</b> |
| Total CBD                 |               |               | ND            | ND            |
| <b>Total THC</b>          |               |               | <b>23.511</b> | <b>235.11</b> |
| <b>Total Cannabinoids</b> |               |               | <b>26.781</b> | <b>267.81</b> |

Date Tested: 5/21/2025

Total THC = THCa \* 0.877 + d9-THC + d8-THC; Total CBD = CBDa \* 0.877 + CBD

#### Method References:

Hemp Profile (SOP HPLC Hemp by UV-Detection)

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