



Certificate of Analysis (COA)

Name of Client:

Sample Name:

Date of Analysis:

Batch Number:

Results

| | wt % | mg/g |
|--------|------|------|
| CBDA | | |
| CBG | | |
| CBD | | |
| CBN | | |
| d9-THC | | |
| THCA | | |

CBD and THC Equivalents

| | wt % | mg/g |
|-----------------|------|------|
| CBD Equivalents | | |
| THC Equivalents | | |

Tincture Volume (mL):

Total CBD Amount (mg):

Details of Testing

High performance liquid chromatography (HPLC) was used to determine concentrations of CBD, CBG, CBDA, CBN, d9-THC, and THCA. Any result reported back at 0.0% is below our lower limit of detection. Our lower limit of detection is 0.005%. Total CBD amount is calculated assuming that oil density is 0.95 g/mL.

CBD and THC Equivalents Explained

$CBD\ Equivalents = 0.877 * CBDA + CBD$

$THC\ Equivalents = 0.877 * THCA + d9-THC$

Upon heating CBDA and THCA transform into CBD and d9-THC, respectively. This process is called decarboxylation because a carboxyl group is lost in the process. It is standard to calculate the actual weight percent/concentration of both CBD and THC as the weight percent/concentration assuming all of the CBDA and THCA are decarboxylated.

Lab Personnel Signature: