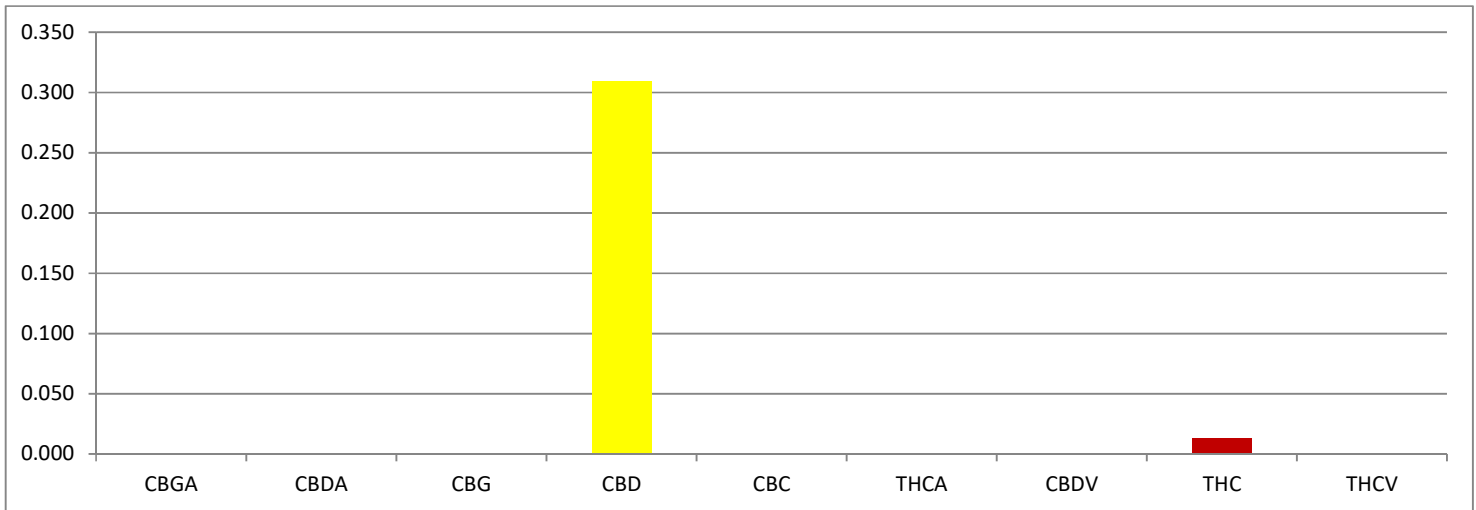


## Test Certificate: Potency - Major Cannabinoids

|            |                       |                |                   |
|------------|-----------------------|----------------|-------------------|
| Sample:    | 100 mg/30 mL tincture | Report Date:   | November 30, 2018 |
| Client ID: | 112818-IT100          | Client:        | UBIX              |
| Matrix:    | VG                    | Date Received: | November 29, 2018 |
| Lab ID:    | 20181129A-2           | Date Analyzed: | November 29, 2018 |
| Method:    | Major Cannabinoids    | Instrument:    | Agilent HPLC/UV   |



### Cannabinoid Distribution

| Analyte | Weight % | Concentration (mg/g) |
|---------|----------|----------------------|
| CBGA    | 0.000    | 0.00                 |
| CBDA    | 0.000    | 0.00                 |
| CBG     | 0.000    | 0.0                  |
| CBD     | 0.309    | 3.09                 |
| CBC     | 0.000    | 0.00                 |
| THCA    | 0.000    | 0.00                 |
| CBDV    | 0.000    | 0.00                 |
| THC     | 0.013    | 0.126                |
| THCV    | 0.000    | 0.00                 |
| CBN     | 0.000    | 0.00                 |
| Totals  | 0.32     | 3.2                  |

Notes:

Max CBG, CBD, and THC are calculated from the corresponding totals assuming complete decarboxylation of the acid to the neutral form.

They are calculated based on weight loss as follows:

$$\text{Max CBD} = (0.877 * \text{CBDA}) + \text{CBD}$$

where 0.877 is the ratio of molecular weights of CBDA to CBD

$$\text{Max CBG} = (0.878 * \text{CBGA}) + \text{CBG}$$

where 0.878 is the ratio of molecular weights of CBG to CBGA

$$\text{Max THC} = (0.877 * \text{THCA}) + \text{THC}$$

where 0.877 is the ratio of molecular weights of THC to THCA

|         | Label Claim<br>mg/ 30 mL | Conc Found<br>mg/ 30 mL | % of Label |
|---------|--------------------------|-------------------------|------------|
| Max CBG | 0.00                     | 0.0                     |            |
| Max CBD | 0.309                    | 3.094                   |            |
| Max THC | 0.013                    | 0.126                   |            |
|         | 100                      | 117.0                   | 117        |