

Certificate of Analysis

Product Description: CBD-Rich Hemp Oil Bulk Tincture - 550 g CBD / 15 L

Invoice Number: 2018-1146AA

Lot Number: TB-28918-B4

Product Code: TB-550-CO2-HSO-BF-15L

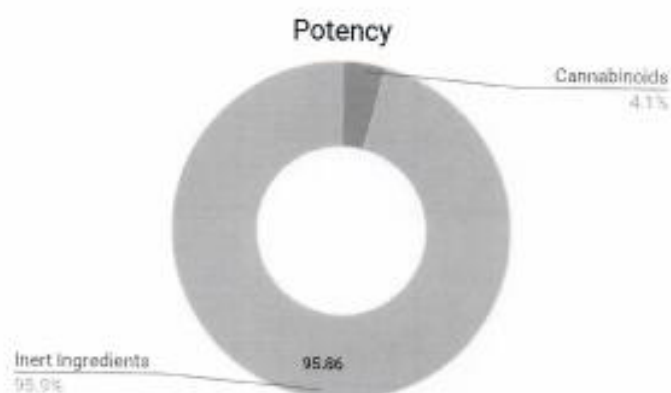
Date of Manufacture: 10/16/18

Analysis Method: HPLC

Date of Analysis: 10/17/18

Product Expiration: 10/16/19

Cannabinoid Potency - Expected CBD: 36.67 mg/mL \pm 10%



| | mg/mL | % |
|------------|-------------|--------|
| 5 CBD: | 36.48 mg/mL | 3.65% |
| Total THC: | 1.78 mg/mL | 0.18% |
| 4 CBC: | 1.12 mg/mL | 0.11% |
| 2 CBDa: | 0.55 mg/mL | 0.06% |
| 1 CBDV: | 0.36 mg/mL | 0.04% |
| 4 CBG: | 0.90 mg/mL | 0.09% |
| 3 CBGa: | ND | ND |
| 6 CBN: | 0.05 mg/mL | 0.01% |
| 8 d8-THC: | <0.05 mg/mL | <0.01% |
| 7 d9-THC: | 1.68 mg/mL | 0.17% |
| 10 THCa: | 0.07 mg/mL | 0.01% |

*Total d9-THC and CBD are calculated taking into account the loss of a carboxyl group during decarboxylation.

The formulas are as follows:

d9-THC = d9THC + (THCa * (0.877)) CBD = CBD + (CBDa * (0.877))

**Any compounds with results listed as "ND" were not detected during analysis.

Chromatogram

