

Certificate of Analysis

Product Description: CBD-Rich Hemp Oil Bulk Tincture - 200 g CBD / 30 L, MCT, Cinnamon (100 mg / 15 ml)

Invoice Number: 2018-1146E

Lot Number: TB-29518-B5

Product Code: TB-200-CO2-MCT-CN-30L

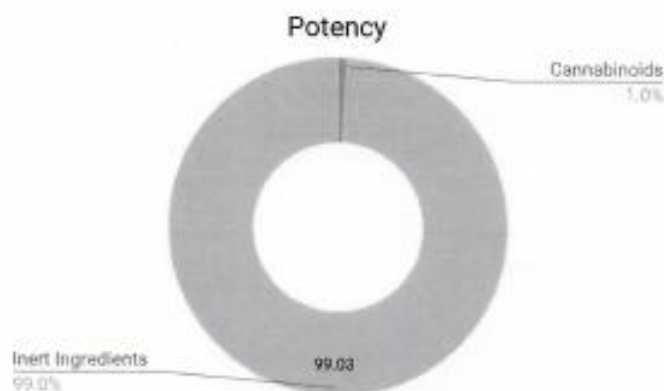
Date of Manufacture: 10/22/18

Analysis Method: HPLC

Date of Analysis: 10/25/18

Product Expiration: 10/22/19

Cannabinoid Potency - Expected CBD: 6.67 mg/mL \pm 10%



	mg/mL	%
5 CBD:	8.72 mg/mL	0.87%
Total THC:	0.26 mg/mL	0.03%
9 CBC	0.16 mg/mL	0.02%
2 CBDa:	<0.05 mg/mL	<0.01%
1 CBDV:	0.05 mg/mL	0.01%
4 CBG:	0.13 mg/mL	0.01%
3 CBGa:	<0.05 mg/mL	<0.01%
6 CBN:	<0.05 mg/mL	<0.01%
8 d8-THC:	ND	ND
7 d9-THC:	0.26 mg/mL	0.03%
10 THCa:	ND	ND

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

The formulas are as follows:

$$d9\text{-THC} = d9\text{THC} + (\text{THCa} \times 0.877) \quad \text{CBD} = \text{CBD} + (\text{CBDa} \times 0.877)$$

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

Chromatogram

