

Certificate of Analysis

Product Description: CBD-Rich Hemp Oil Bulk Tincture - 10 g CBD / 1.5 L, CO2, HSO (100 mg / 15 mL)

Invoice Number: 2018-1292B

Lot Number: TB-31918-82

Product Code: TB-10-CO2-HSO-NA-1.5L

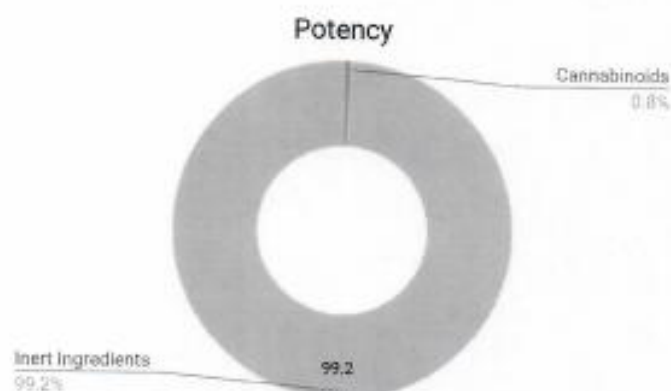
Date of Manufacture: 11/15/18

Analysis Method: HPLC

Date of Analysis: 11/19/18

Product Expiration: 11/15/18

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



	mg/mL	%
5 CBD:	6.94 mg/mL	0.69%
Total THC:	0.33 mg/mL	0.03%
9 CBC:	0.22 mg/mL	0.02%
2 CBDa:	<0.05 mg/mL	<0.01%
1 CBDV:	0.06 mg/mL	0.01%
4 CBG:	0.18 mg/mL	0.02%
3 CBGa:	0.06 mg/mL	0.01%
6 CBN:	<0.05 mg/mL	<0.01%
8 d8-THC:	ND	ND
7 d9-THC:	0.33 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: $d9\text{-THC} = d9\text{THC} + (\text{THCa} \times (0.877))$ $\text{CBD} = \text{CBD} + (\text{CBDa} \times (0.877))$
**Any compounds with results listed as "ND" were not detected during analysis.

Chromatogram

