



Highland Pharms

pc

Certificate of Analysis

Product Description: CBD-Rich Hemp Oil Vape - 1,500 mg (100 bottles)

Invoice Number: 2018-1316K

Lot Number: V-31718-B3

Product Code: V-1500-CO2-VGP-RELAX-30mL

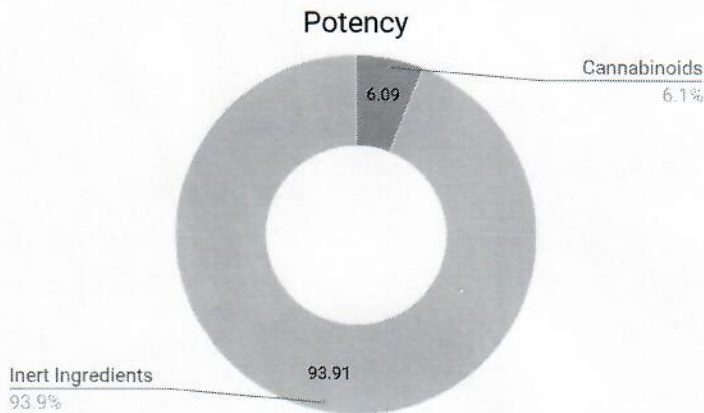
Date of Manufacture: 11/13/18

Analysis Method: HPLC

Date of Analysis: 11/15/18

Product Expiration: 11/13/19

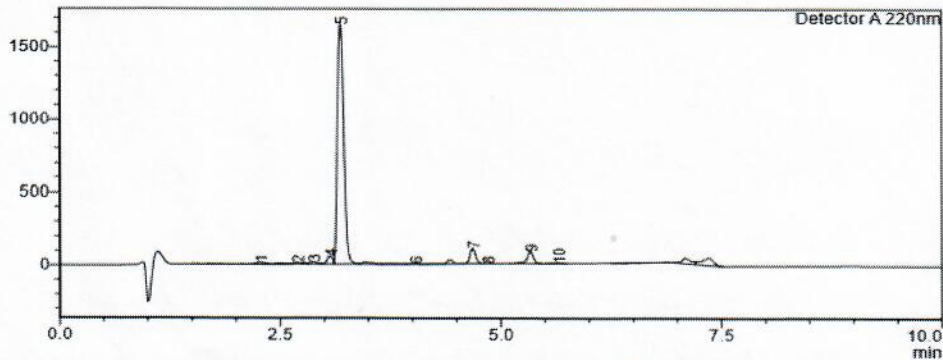
Cannabinoid Potency - Expected CBD: 50.00 mg/mL ± 10%



	mg/mL	%
5 CBD:	54.19 mg/mL	5.42%
Total THC:	2.49 mg/mL	0.25%
9 CBC	1.76 mg/mL	0.18%
2 CBDa:	0.25 mg/mL	0.03%
1 CBDV:	0.46 mg/mL	0.05%
4 CBG:	1.16 mg/mL	0.12%
3 CBGa:	0.33 mg/mL	0.03%
6 CBN:	0.06 mg/mL	0.01%
8 d8-THC:	0.05 mg/mL	0.01%
7 d9-THC:	2.34 mg/mL	0.23%
10 THCa:	0.10 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



	Name	Signature	Date
Tested By:	Sage Kelly, Analytical Supervisor		11/19/18
Approved by:	Sarah Balboa, Lab Director		11/19/18