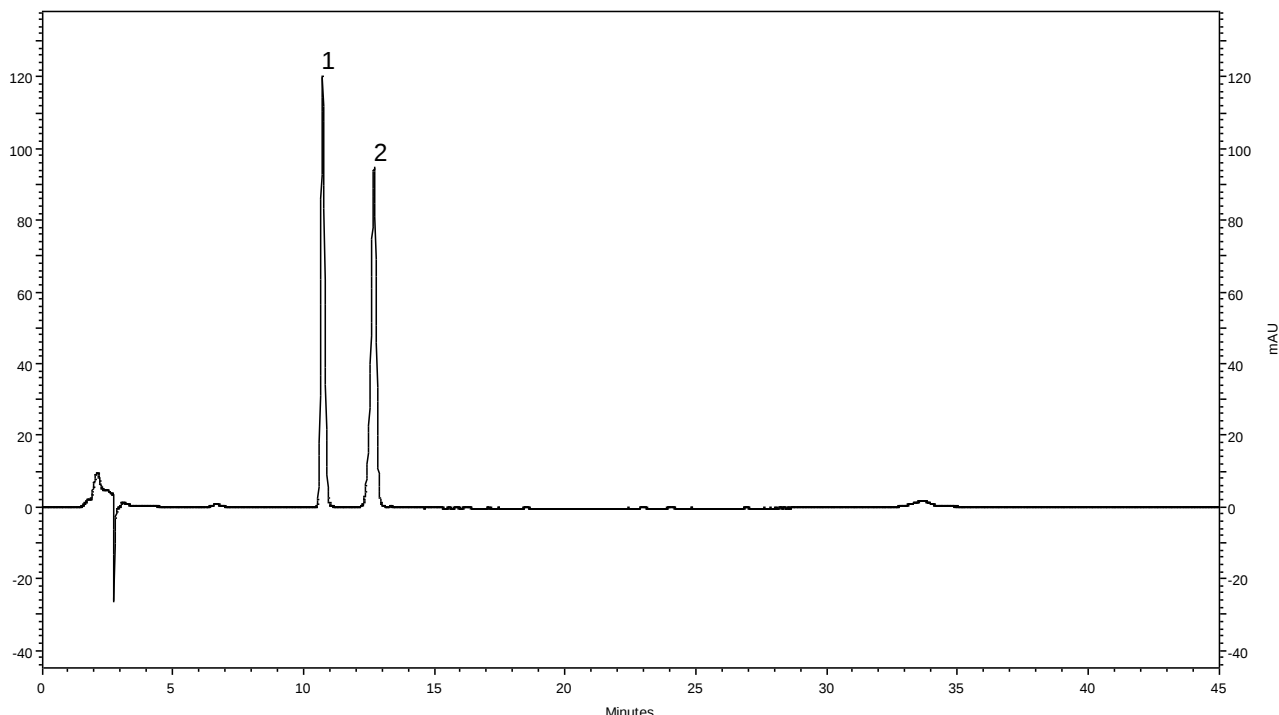




Oxytocin Injection – BP 2021

These chromatograms are provided for information only as an aid to analysts and are intended as guidance for the interpretation and application of BP monographs.

Typical chromatogram for solution (3) in the Related Substances test for Oxytocin Injection as published in BP 2021.



Peak ID: 1: Oxytocin; 2: Desmopressin

Column : Symmetry C18 (150 mm x 4.6 mm, 5.0 μ m)
Method Ref. : Related Substances for the Oxytocin Injection monograph from BP 2021
Mobile Phase A : 1.56 % w/v sodium dihydrogen phosphate
Mobile Phase B : Acetonitrile: water (50: 50, v/v)
Diluent : Water
Gradient :

Time (min)	Mobile Phase A (%)	Mobile Phase B (%)
0-30	70-40	30-60
30-30.1	40-70	60-30
30.1-45	70	30

Flow rate : 1.0 mL/min
Column Temp : 25 °C
Injection Volume : 200 μ L
Detection : 220 nm