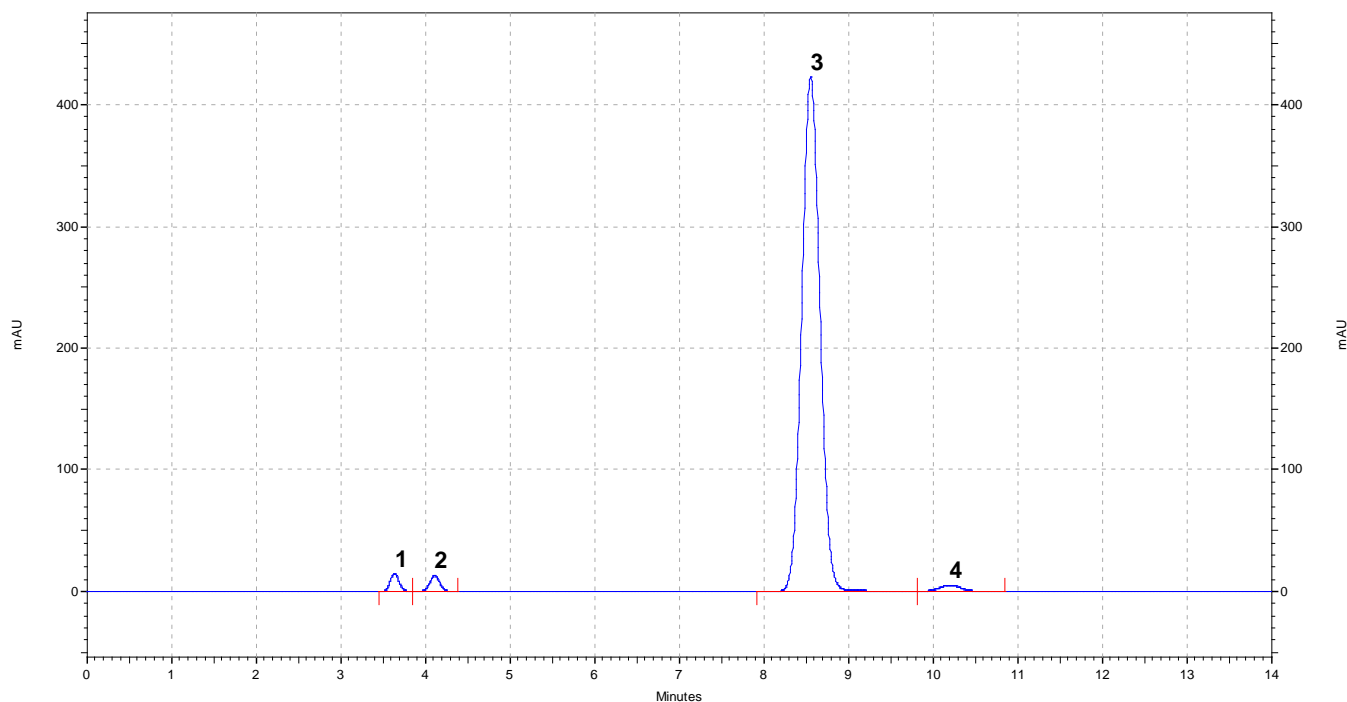




## Alfuzosin Tablets – BP 2016

This chromatogram is provided for information only as an aid to analysts and intended as guidance for the interpretation and application of BP monographs.

Typical chromatogram for solution (5) in the Related Substances test for Alfuzosin Tablets as published in BP 2016.



Peak ID: 1: Impurity D; 2: Impurity E; 3: Alfuzosin; 4: Impurity A.

Column : Inertsil ODS-2 (150 mm x 4.6 mm, 5 $\mu$ m)  
Method Ref. : Related Substances method for the Alfuzosin Tablets monograph from BP 2016  
Sodium Perchlorate : 5mL perchlorid acid (70%) in 900mL water. pH adjusted to 3.5 with 2M sodium hydroxide. Add sufficient water to produce 1000mL.  
Mobile Phase : 1 volume tetrahydrofuran, 20 volumes acetonitrile, 80 volumes sodium perchlorate solution.  
Diluent : Mobile phase  
Flow Rate : 1.5 mL/min  
Column Temp : 25°C  
Injection Volume : 20  $\mu$ L  
Detection : 254 nm