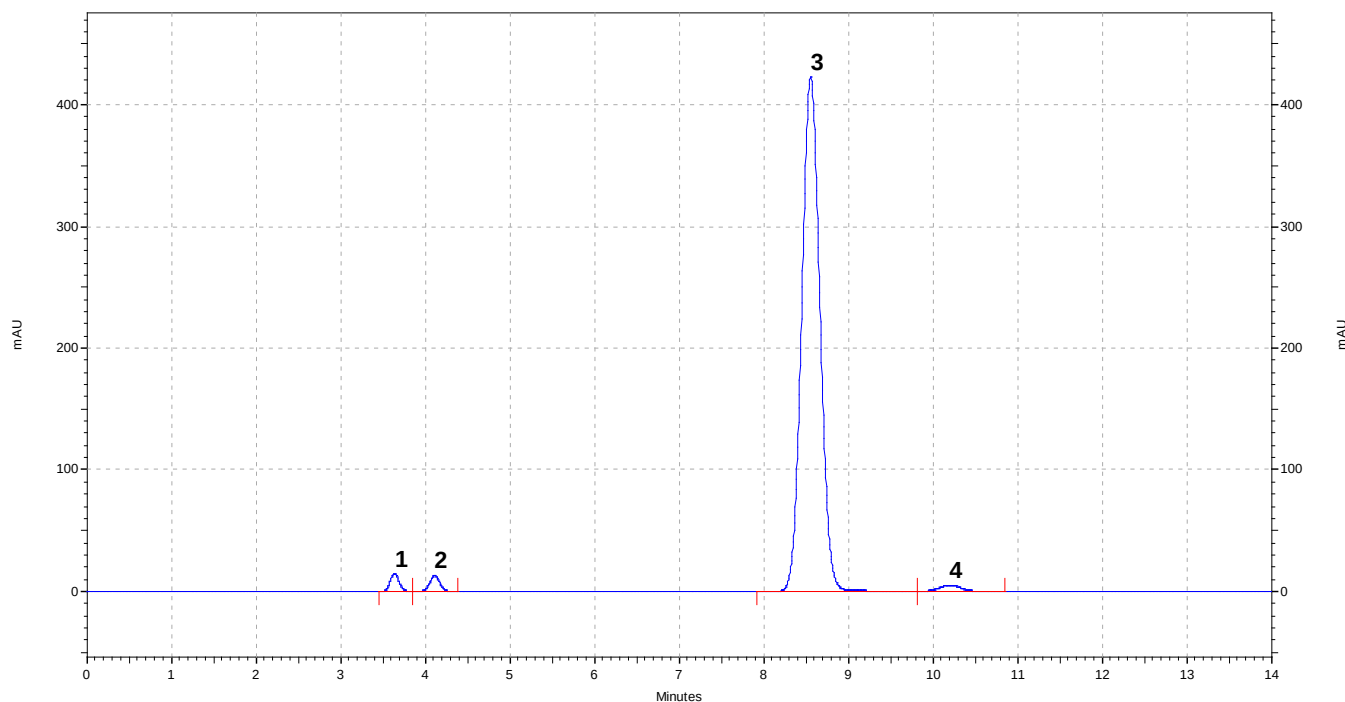




Prolonged-Release Alfuzosin Tablets – BP 2016

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	: Insertsil End-capped octadecylsilyl silica gel (ODS-2, 150 mm x 4.6 mm, 5µm)
Method Ref.	: Related Substances method for the Prolonged-Release Alfuzosin Tablets monograph from BP 2016
Sodium Perchlorate	: 5mL perchloric 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 µL
Detection	: 254 nm