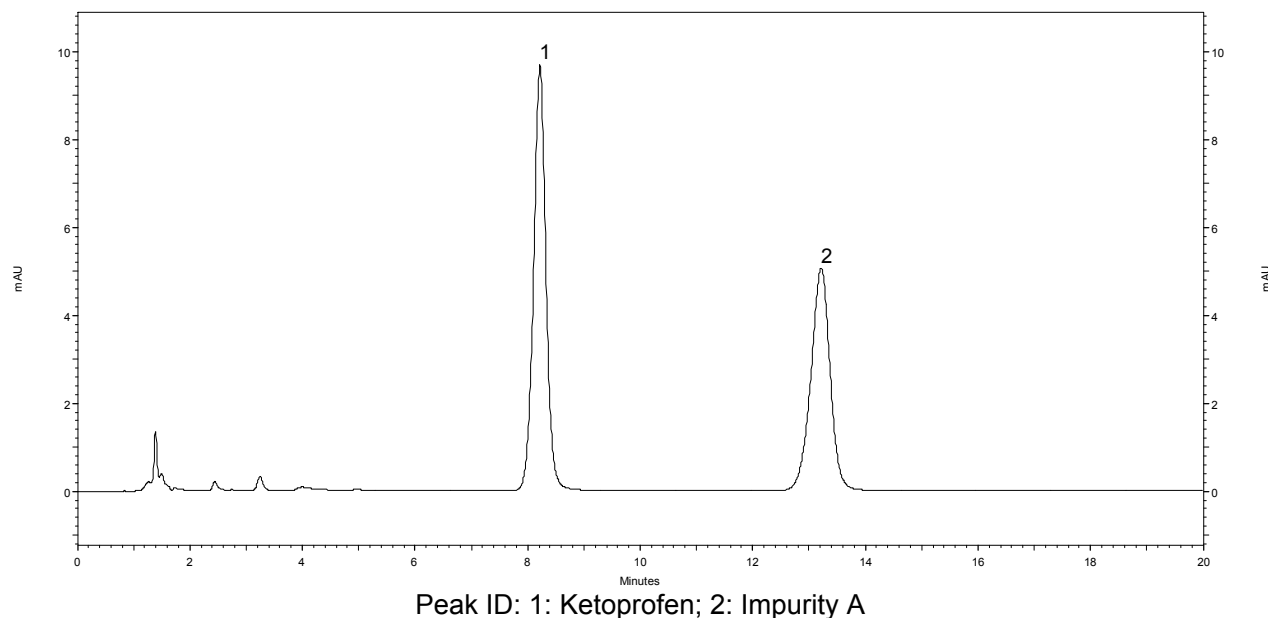




Ketoprofen Tablets – BP 2018

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

Typical chromatogram for solution (5) in the Related Substances test and solution (4) in the Assay test for Ketoprofen Tablets as published in BP 2018.



Column	: Supelco, Nucleosil 100-5 C18 (150 mm X 4.6 mm, 5 µm)
Method Ref.	: Related substances method from the draft Ketoprofen Tablets monograph
Mobile Phase	: Phosphate buffer pH 3.5 : acetonitrile : water (2:43:55, v/v/v)
Buffer	: 6.8 g potassium dihydrogen orthophosphate dissolved in water and adjusted to pH 3.5 with concentrated orthophosphoric acid and made up to 100 mL
Diluent	: Mobile phase
Flow Rate	: 1.0 mL/min
Column Temp	: 25°C
Injection Volume	: 20 µL
Detection	: UV, 233 nm