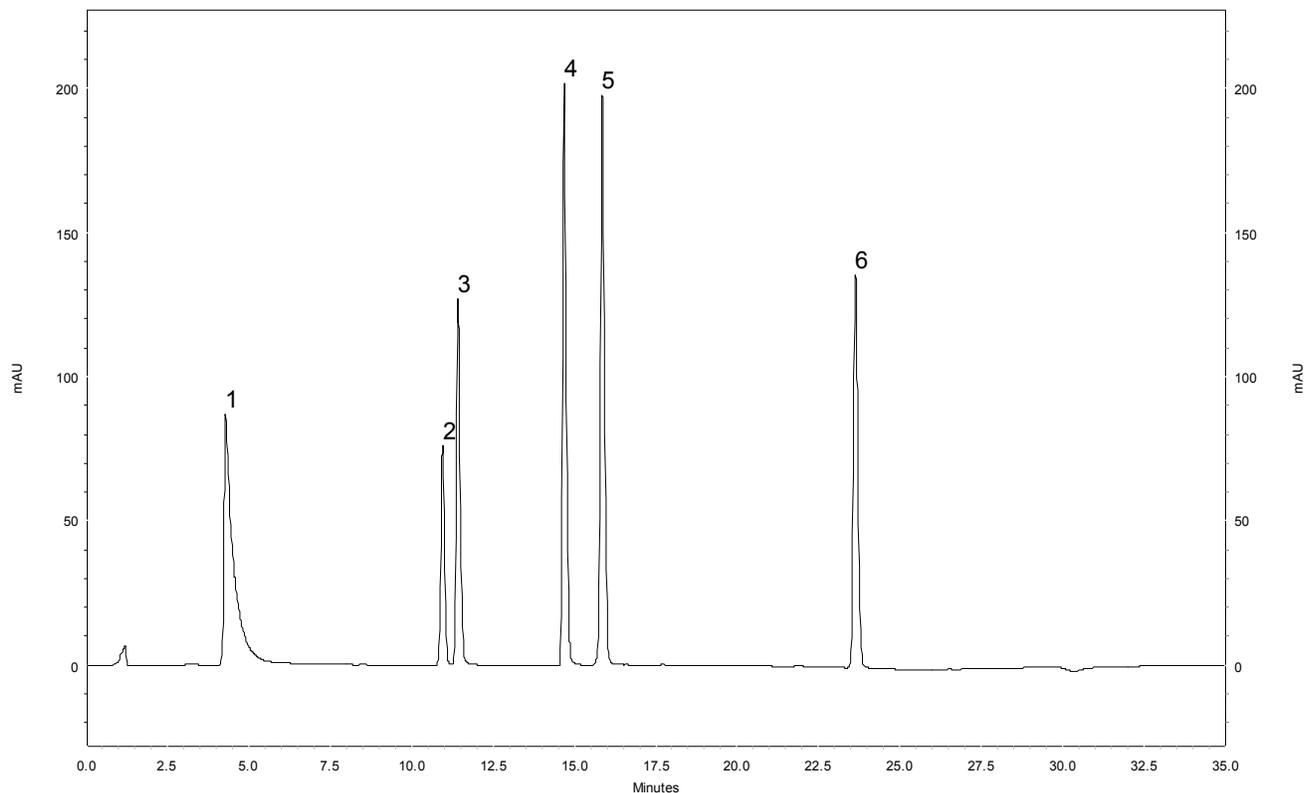




Telmisartan Tablets – BP 2018

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 (3) in the Related Substances and solution (3) in the Assay for Telmisartan Tablets as published in BP 2018.



Peak ID: (1): Impurity A, (2): Impurity E, (3): Impurity F, (4): Impurity B, (5): Telmisartan,
(6): Impurity C



Column : Phenomenex, Kromasil C18 (125 mm × 4.0 mm, 5 µm)
Method Ref. : Related substances for the Telmisartan Tablets monograph from BP 2018
Mobile phase A : A mixture of 2.0 g of potassium dihydrogen phosphate and 3.8 g of sodium pentanesulphonate monohydrate in water adjusted to pH 3.0 with dilute orthophosphoric acid and diluted to 1000 mL with water.
Mobile phase B : Methanol: Acetonitrile (20:80, v/v)
Diluent : Methanol
Flow Rate : 1.0 mL/min
Column Temp : 40°C
Injection Volume : 10 µL
Detection : UV, 230 nm
Gradient program :

Time (minutes)	Mobile phase A (% v/v)	Mobile phase B (% v/v)
0 - 3	70	30
3 - 28	70 → 20	30 → 80
28 - 30	20 → 70	80 → 30
30 - 35	70	30