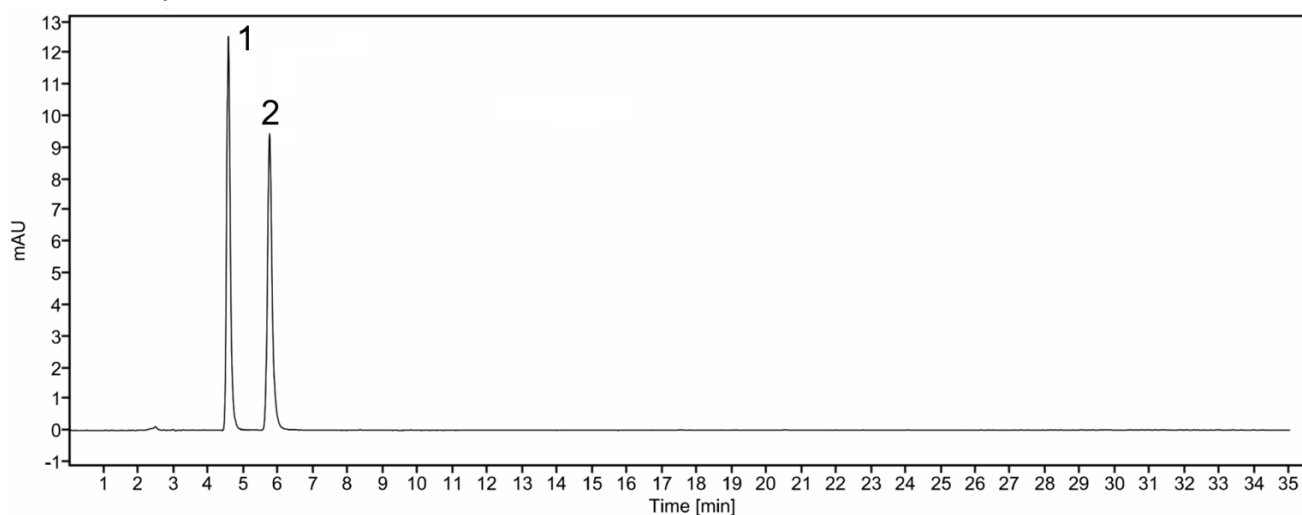




Metronidazole Tablets – BP 2026

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.

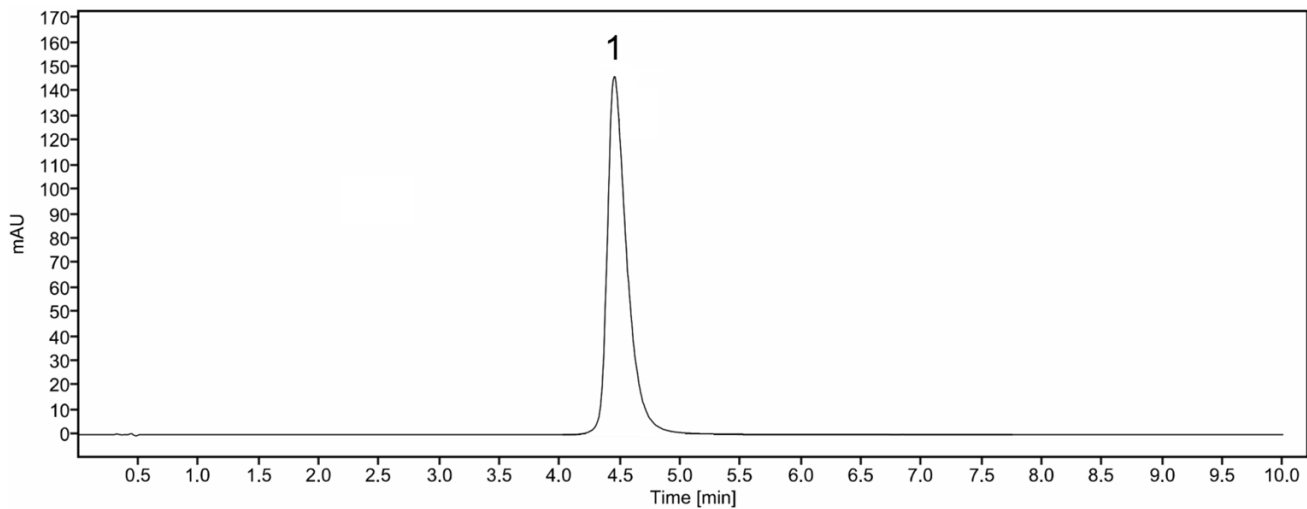
Typical chromatogram for solution (3) from the Related Substances test for Metronidazole Tablets as published in BP 2026.



Peak ID: 1: Impurity A. 2: Metronidazole.

Column	Spherisorb ODS1 C18 (250 mm x 4.6 mm, 5 µm)
Method Ref.	Related Substances for the Metronidazole Tablets monograph from BP 2026
Mobile Phase	Methanol: 0.01M potassium dihydrogen orthophosphate (30:70 v/v)
Diluent	Mobile phase
Flow rate	1.0 mL/min
Column Temp	25°C
Injection Volume	10 µL
Detection	315 nm

Typical chromatogram for solution (2) from the Assay test for Metronidazole Tablets as published in BP 2026.



Peak ID: 1: Metronidazole.

Column	Spherisorb ODS2 C18 (50 mm x 4.6 mm, 3 µm)
Method Ref.	Assay for the Metronidazole Tablets monograph from BP 2026
Mobile Phase	Methanol: 0.005M potassium dihydrogen orthophosphate (3:97, v/v), the pH of the mixture being adjusted to 4.0 with orthophosphoric acid
Diluent	Methanol: water (8:92, v/v)
Flow rate	1.5 mL/min
Column Temp	25°C
Injection Volume	20 µL
Detection	240 nm