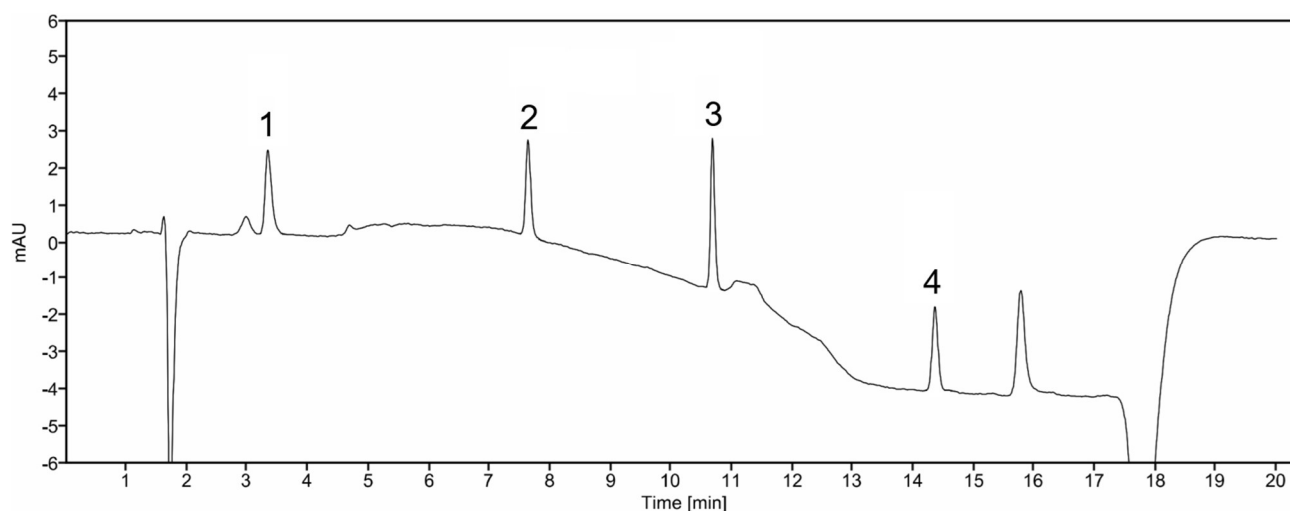




Bumetanide Tablets – BP 2026

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 Bumetanide Tablets as published in BP 2026.



Peak ID: 1: Impurity B. 2: Impurity A. 3: Bumetanide. 4: Impurity C.

Column	XTerra C18 (150 mm x 4.6 mm, 3.5 µm)
Method Ref.	Related Substances for the Bumetanide Tablets monograph from BP 2026
Mobile Phase A	0.5% v/v formic acid
Mobile Phase B	Methanol
Diluent	40% methanol
Flow rate	1.0 mL/min
Column Temp	30°C
Injection Volume	50 µL

Detection	254 nm		
Gradient			
Time (minutes)	Mobile phase A (% v/v)	Mobile phase B (% v/v)	Comment
0 – 2	60	40	isocratic
2 – 10	60 → 20	40 → 80	linear gradient
10 – 15	20	80	isocratic
15 – 15.1	20 → 60	80 → 40	linear gradient
15.1 – 20	60	40	re-equilibration