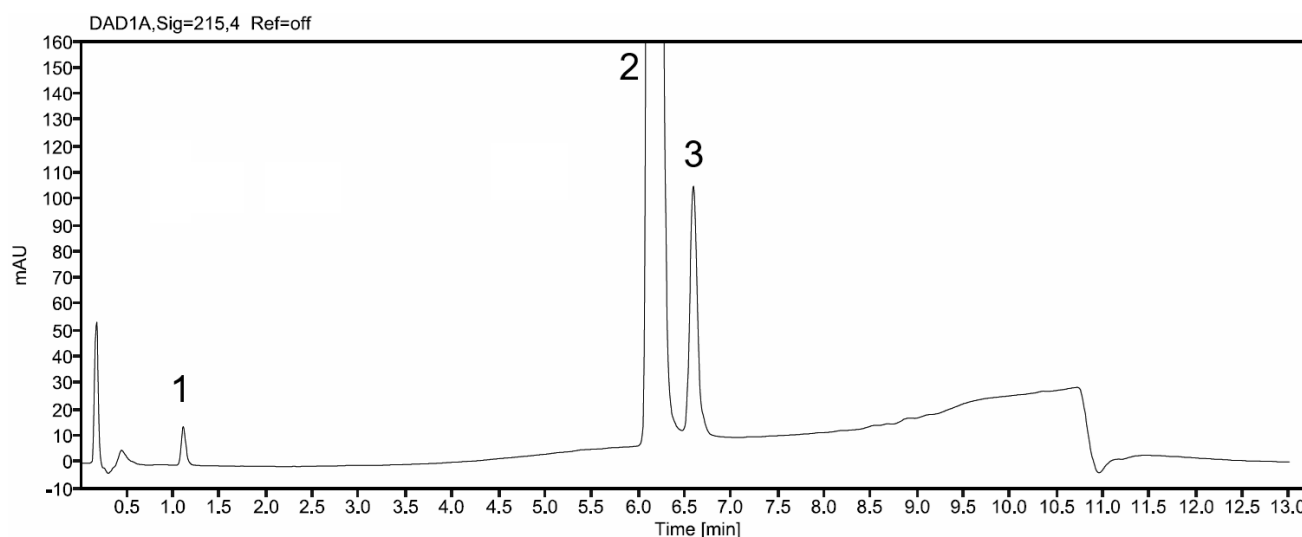




Indapamide Prolonged-release Tablets – BP 2027

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 Indapamide Prolonged-release Tablets as published in BP 2027.

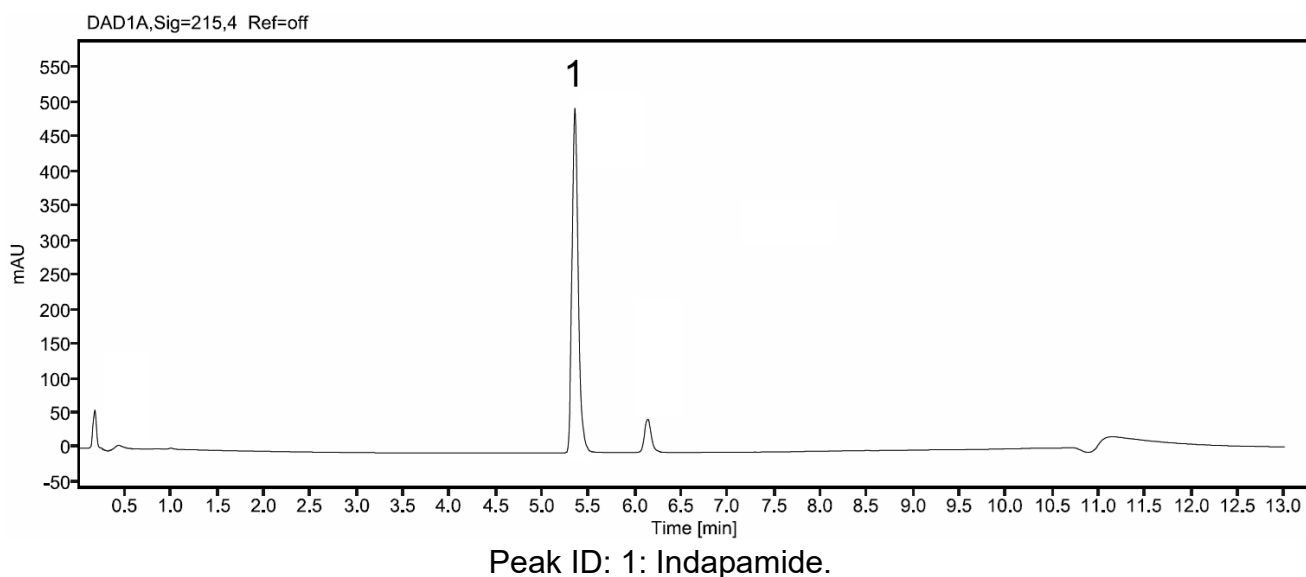


Peak ID: 1: Impurity 1. 2: Indapamide. 3: Impurity B.

Column	Acquity CSH UPLC C18 (50 mm x 2.1 mm, 1.7 µm)
Method Ref.	Related Substances for the Indapamide Prolonged-release Tablets monograph from BP 2027
Mobile Phase A	0.075 volumes of perchloric acid and 1000 volumes of water
Mobile Phase B	100 volumes of acetonitrile and 900 volumes of methanol
Diluent (Solution A)	0.225 volumes of perchloric acid and 1000 volumes of water
Flow rate	1.0 mL/min

Autosampler Temp	8°C		
Column Temp	70°C		
Injection Volume	15 µL		
Detection	215 nm		
Gradient			
Time (minutes)	Mobile phase A (% v/v)	Mobile phase B (% v/v)	Comment
0 – 0.5	97	3	isocratic
0.5 – 10.5	97 → 60	3 → 40	linear gradient
10.5 – 10.7	60 → 97	40 → 3	linear gradient
10.7 – 13	97	3	re-equilibration

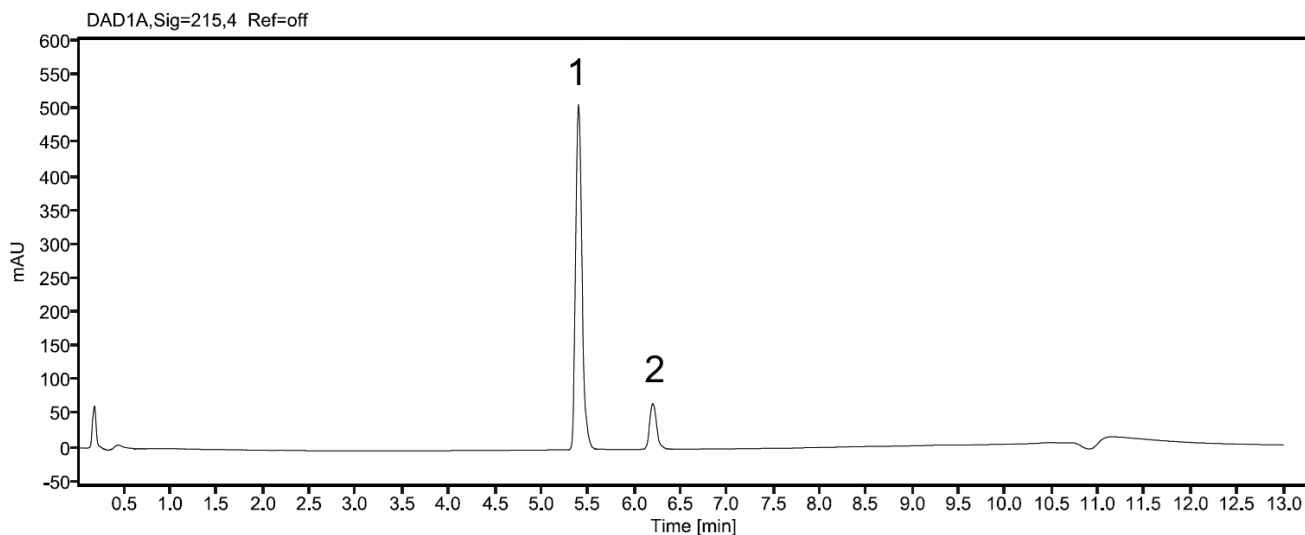
Typical chromatogram for solution (2) from the Uniformity of Content test for Indapamide Prolonged-release Tablets as published in BP 2027.



Column	Acquity CSH UPLC C18 (50 mm x 2.1 mm, 1.7 µm)
Method Ref.	Related Substances for the Indapamide Prolonged-release Tablets monograph from BP 2027
Mobile Phase A	0.075 volumes of perchloric acid and 1000 volumes of water
Mobile Phase B	100 volumes of acetonitrile and 900 volumes of methanol

Diluent (Solution A)	0.225 volumes of perchloric acid and 1000 volumes of water		
Flow rate	1.0 mL/min		
Autosampler Temp	8°C		
Column Temp	70°C		
Injection Volume	15 µL		
Detection	215 nm		
Gradient			
Time (minutes)	Mobile phase A (% v/v)	Mobile phase B (% v/v)	Comment
0 – 0.5	97	3	isocratic
0.5 – 10.5	97 → 60	3 → 40	linear gradient
10.5 – 10.7	60 → 97	40 → 3	linear gradient
10.7 – 13	97	3	re-equilibration

Typical chromatogram for solution (3) from the Uniformity of Content test for Indapamide Prolonged-release Tablets as published in BP 2027.



Column	Acquity CSH UPLC C18 (50 mm x 2.1 mm, 1.7 µm)
Method Ref.	Related Substances for the Indapamide Prolonged-release Tablets monograph from BP 2027

Mobile Phase A	0.075 volumes of perchloric acid and 1000 volumes of water		
Mobile Phase B	100 volumes of acetonitrile and 900 volumes of methanol		
Diluent (Solution A)	0.225 volumes of perchloric acid and 1000 volumes of water		
Flow rate	1.0 mL/min		
Autosampler Temp	8°C		
Column Temp	70°C		
Injection Volume	15 µL		
Detection	215 nm		
Gradient			
Time (minutes)	Mobile phase A (% v/v)	Mobile phase B (% v/v)	Comment
0 – 0.5	97	3	isocratic
0.5 – 10.5	97 → 60	3 → 40	linear gradient
10.5 – 10.7	60 → 97	40 → 3	linear gradient
10.7 – 13	97	3	re-equilibration