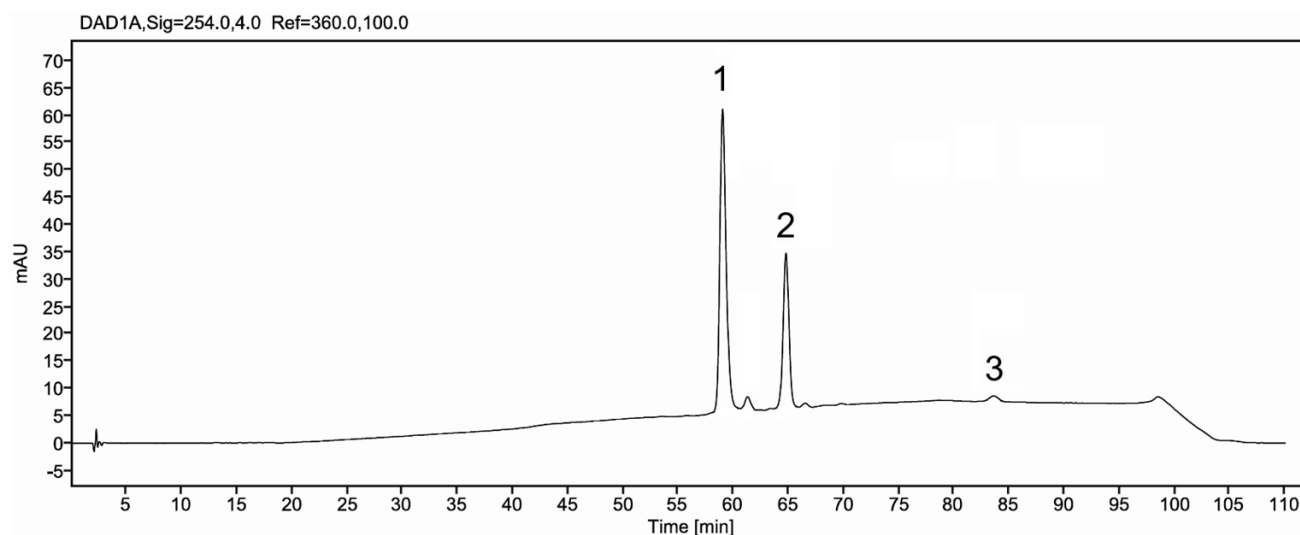




Bleomycin Injection – BP 2027

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 (2) from the Composition test for Bleomycin Injection as published in BP 2027.



Peak ID: 1: Bleomycin A2. 2: Bleomycin B2. 3: Impurity D.

Column	Nucleosil C18 (250 mm x 4.6 mm, 5 µm)
Method Ref.	Composition for the Bleomycin Injection monograph from BP 2027
Buffer	0.96 g/L sodium pentanesulfonate and 1.86 g/L disodium edetate in 0.08M acetic acid, adjusted to pH 4.3 with 18M ammonia
Mobile Phase A	Methanol: buffer (1:9, v/v)
Mobile Phase B	Methanol
Diluent	Water
Flow rate	1.2 mL/min
Column Temp	25°C

Injection Volume	20 μL		
Detection	254 nm		
Gradient			
Time (minutes)	Mobile phase A (% v/v)	Mobile phase B (% v/v)	Comment
0 – 15	100	0	isocratic
15 – 75	100 → 70	0 → 30	linear gradient
75 – 95	70	30	isocratic
95 – 100	70 → 100	30 → 0	linear gradient
100 - 110	100	0	re-equilibration