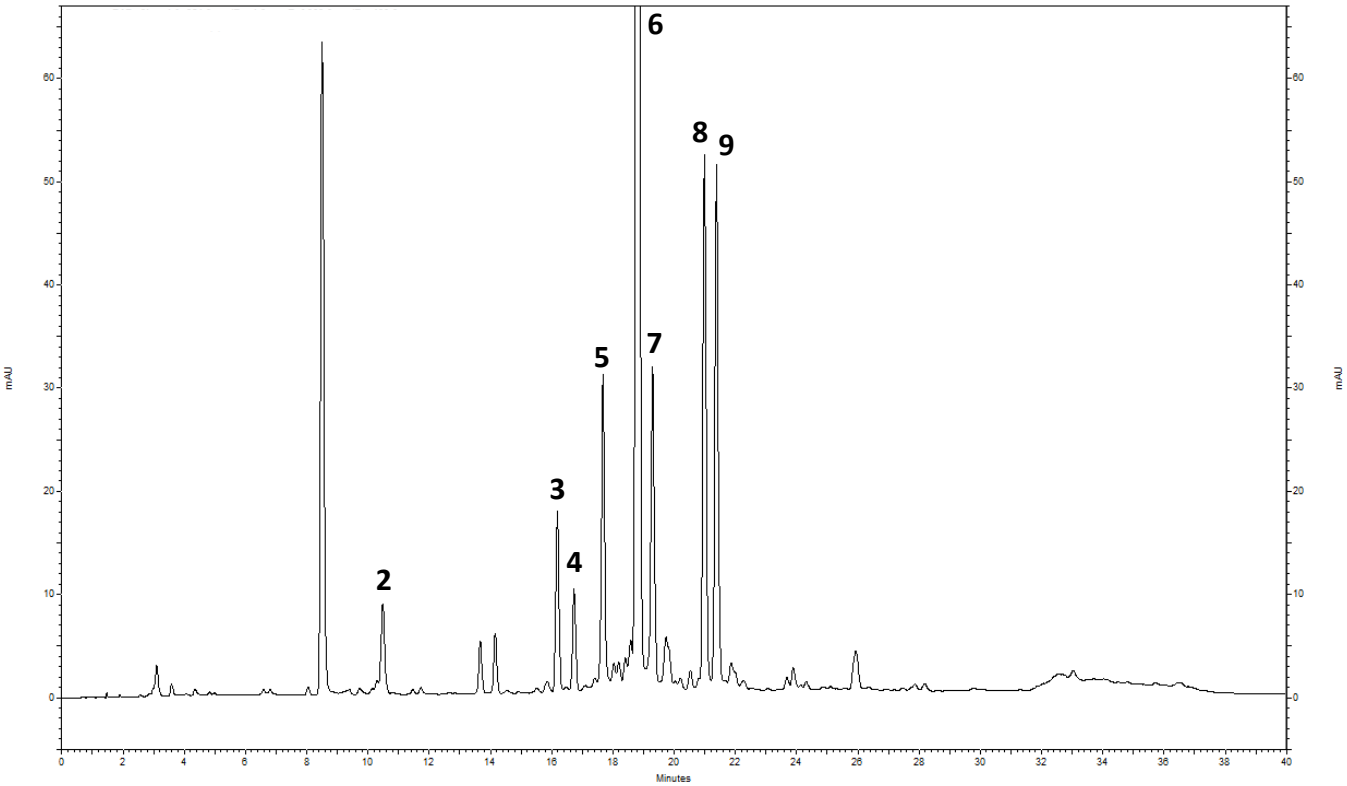
Teicoplanin for Injection – BP 2023

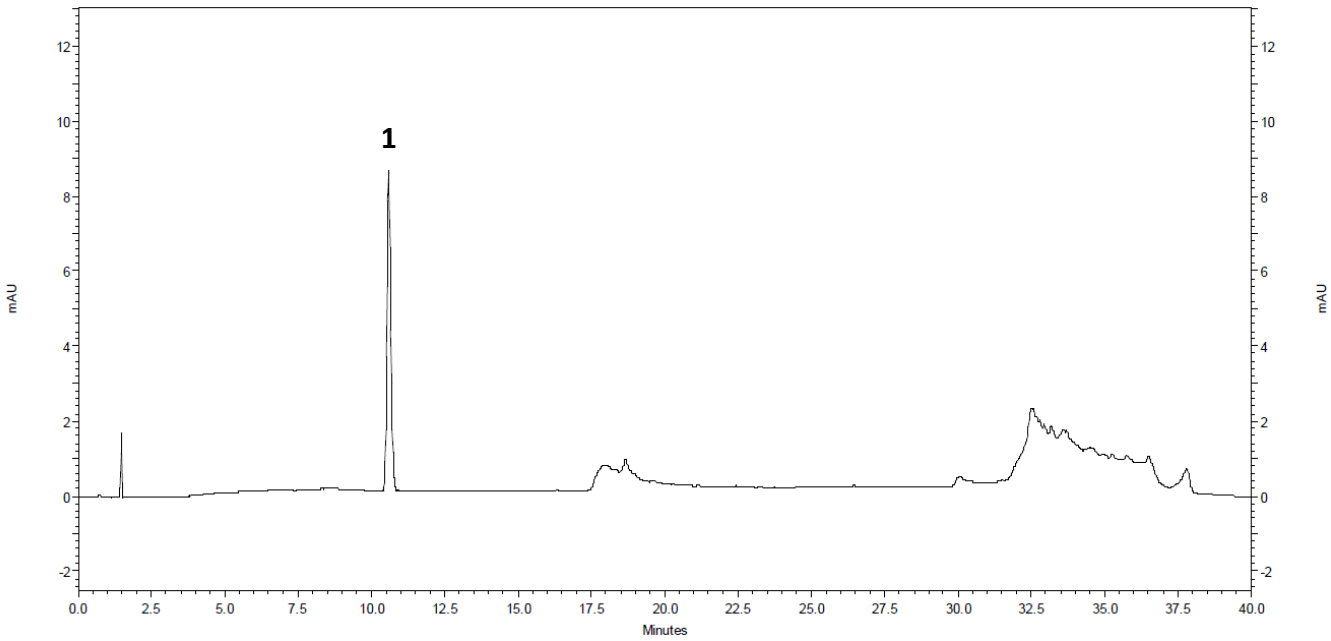
These chromatograms are provided for information only as an aid to analysts and are intended as guidance for the interpretation and application of BP monographs.

Typical chromatogram for solution (2) in the Composition test for Teicoplanin Injection as published in BP 202.



Peak ID: 1: Teicoplanin $A_{3\text{-}1}$. 2: Impurity A. 3: Impurity D. 4: Impurity E. 5: Teicoplanin $A_{2\text{-}1}$. 6: Teicoplanin $A_{2\text{-}2}$. 7: Teicoplanin $A_{2\text{-}3}$. 8: Teicoplanin $A_{2\text{-}4}$. 9: Teicoplanin $A_{2\text{-}5}$.

Typical chromatogram for solution (4) in the Composition test for Teicoplanin Injection as published in BP 2023.



Peak ID: 1: Impurity A

Column	Hypersil C18 (250 mm x 4.6 mm, 5 µm)
Method Ref.	Composition for the Teicoplanin Injection monograph from BP 2023
Mobile Phase A	Acetonitrile : buffer (100:900, v/v)
Mobile Phase B	Buffer : acetonitrile (300:700 v/v)
Buffer	0.3% w/v solution of anhydrous sodium dihydrogen phosphate adjusted to pH 6.0 with 1M sodium hydroxide
Diluent	Water
Flow rate	2.3 mL/min
Column Temp	25 °C
Injection Volume	20 µL
Detection	254 nm

Time (minutes)	Mobile phase A (% v/v)	Mobile phase B (% v/v)	Comment
0 – 30	100 → 50	0 → 50	linear gradient
30 – 31	50 → 10	50 → 90	linear gradient
31 – 35	10	90	isocratic