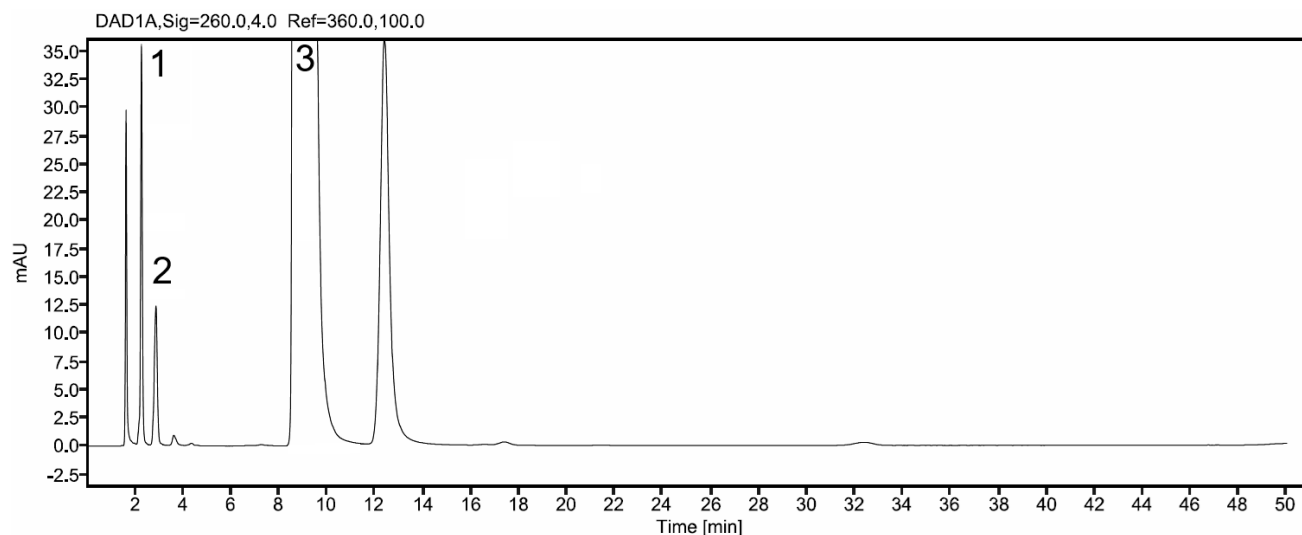




Fludarabine Sterile Concentrate – BP 2027

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.

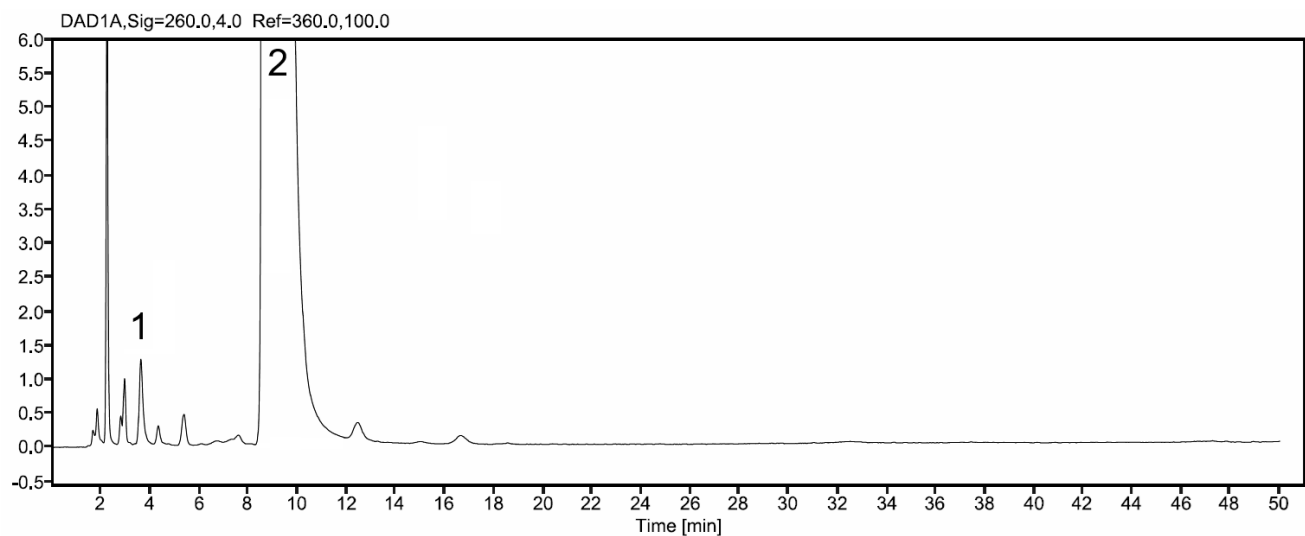
Typical chromatogram for solution (3) from the Related Substances A test for Fludarabine Sterile Concentrate as published in BP 2027.



Peak ID: 1: Impurity A. 2: Impurity B. 3: Fludarabine

Column	Chemcosorb 5-ODS-H C18 (150 mm x 4.6 mm, 5 µm)
Method Ref.	Related Substances A for the Fludarabine Sterile Concentrate monograph from BP 2027
Mobile Phase	Methanol: 0.01M potassium dihydrogen orthophosphate (60:940, v/v)
Diluent	0.1M hydrochloric acid
Flow rate	1.0 mL/min
Column Temp	25°C
Injection Volume	10 µL
Detection	260 nm

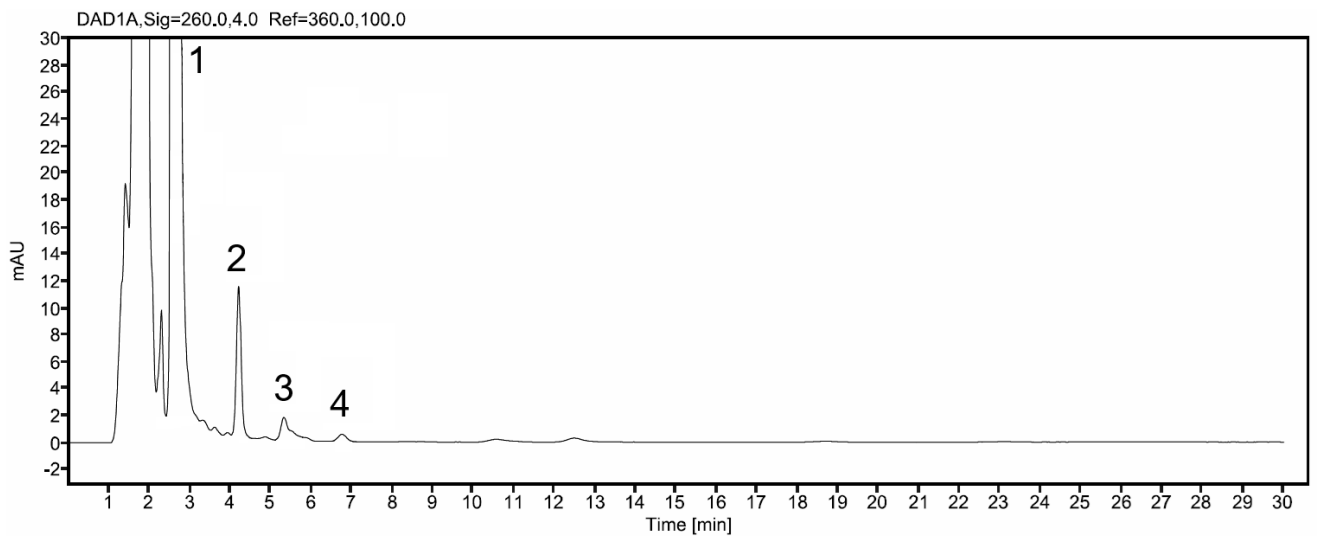
Typical chromatogram for solution (4) from the Related Substances A test for Fludarabine Sterile Concentrate as published in BP 2027.



Peak ID: 1: Impurity C. 2: Fludarabine.

Column	Chemcosorb 5-ODS-H C18 (150 mm x 4.6 mm, 5 µm)
Method Ref.	Related Substances A for the Fludarabine Sterile Concentrate monograph from BP 2027
Mobile Phase	Methanol: 0.01M potassium dihydrogen orthophosphate (60:940, v/v)
Diluent	Mobile phase
Flow rate	1.0 mL/min
Column Temp	25°C
Injection Volume	10 µL
Detection	260 nm

Typical chromatogram for solution (4) from the Related Substances B test for Fludarabine Sterile Concentrate as published in BP 2027.



Peak ID: 1: Fludarabine. 2: Impurity D. 3: Impurity E. 4: Impurity F.

Column	Chemcosorb 5-ODS-H C18 (150 mm x 4.6 mm, 5 µm)
Method Ref.	Related Substances B for the Fludarabine Sterile Concentrate monograph from BP 2027
Mobile Phase	Methanol: 0.01M potassium dihydrogen orthophosphate (20:80, v/v)
Diluent	Methanol: 0.01M potassium dihydrogen orthophosphate (60:940, v/v)
Flow rate	1.0 mL/min
Column Temp	25°C
Injection Volume	10 µL
Detection	260 nm