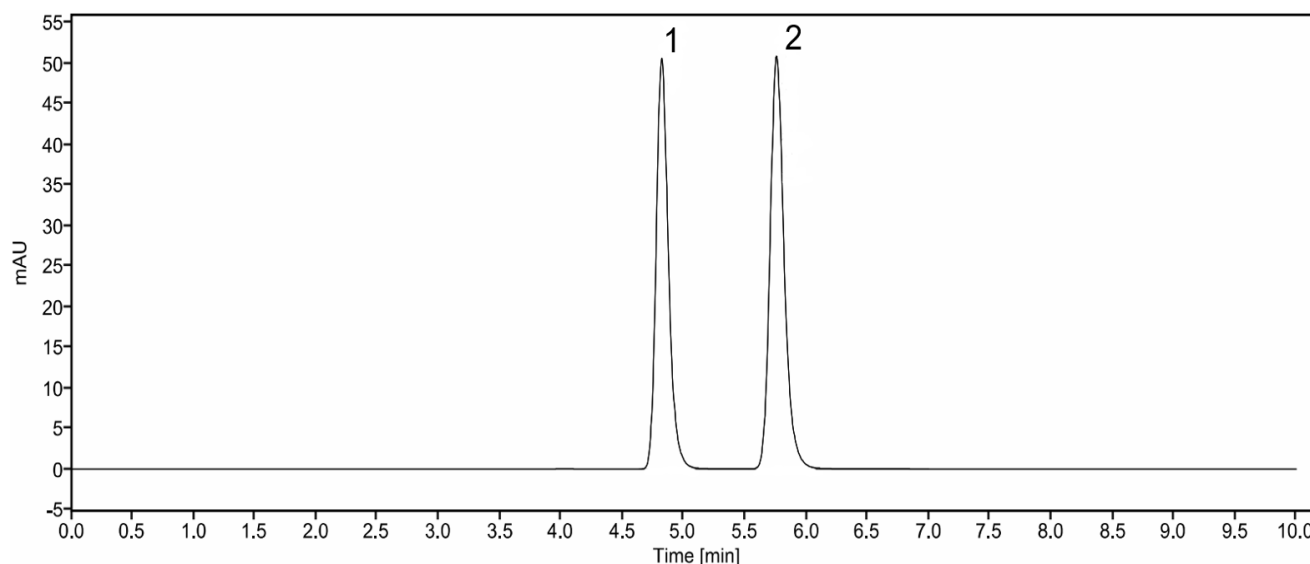




Cytarabine Injection – BP 2024

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 (4) from the Related Substances test for Cytarabine Injection as published in BP 2024.

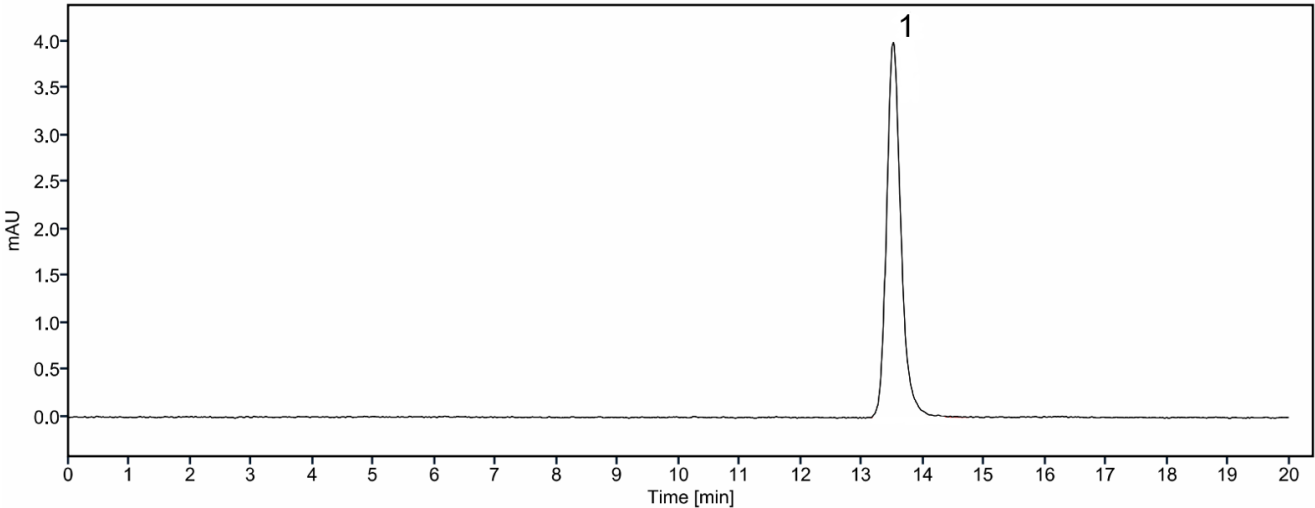


Peak ID: 1: Uridine. 2: Uracil arabinoside.

Column	Spherisorb ODS2 (250 mm x 4.6 mm, 5 µm)
Method Ref.	Related substances for the Cytarabine Injection monograph from BP 2024
Buffer	0.005M sodium pentanesulfonate adjusted to pH 2.8 using glacial acetic acid
Mobile Phase	Methanol: buffer (7.5:100, v/v)
Diluent	Mobile phase
Flow rate	1.0 mL/min
Column Temp	30°C

Injection Volume	20 µL
Detection	280 nm

Typical chromatogram for solution (2) from the Related Substances test for Cytarabine Injection as published in BP 2024.



Peak ID: 1: Cytarabine.

Column	Spherisorb ODS2 (250 mm x 4.6 mm, 5 µm)
Method Ref.	Related substances for the Cytarabine Injection monograph from BP 2024
Buffer	0.005M sodium pentanesulfonate adjusted to pH 2.8 using glacial acetic acid
Mobile Phase	Methanol: buffer (7.5:100, v/v)
Diluent	Mobile phase
Flow rate	1.0 mL/min
Column Temp	30°C
Injection Volume	20 µL
Detection	280 nm