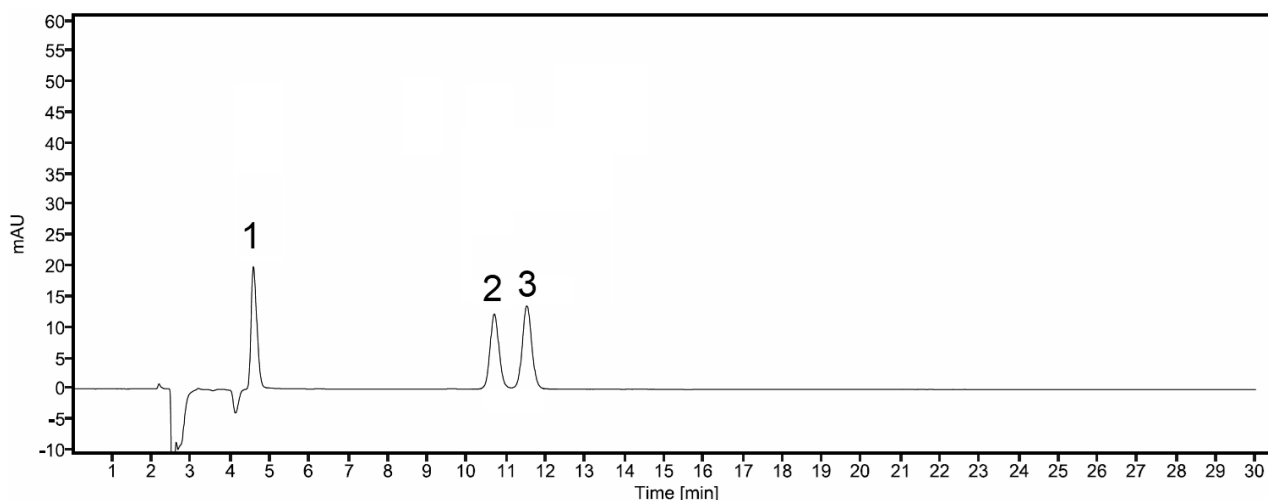




Gliclazide Prolonged-release Tablets – BP 2025

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 Gliclazide Prolonged-release Tablets as published in BP 2025.

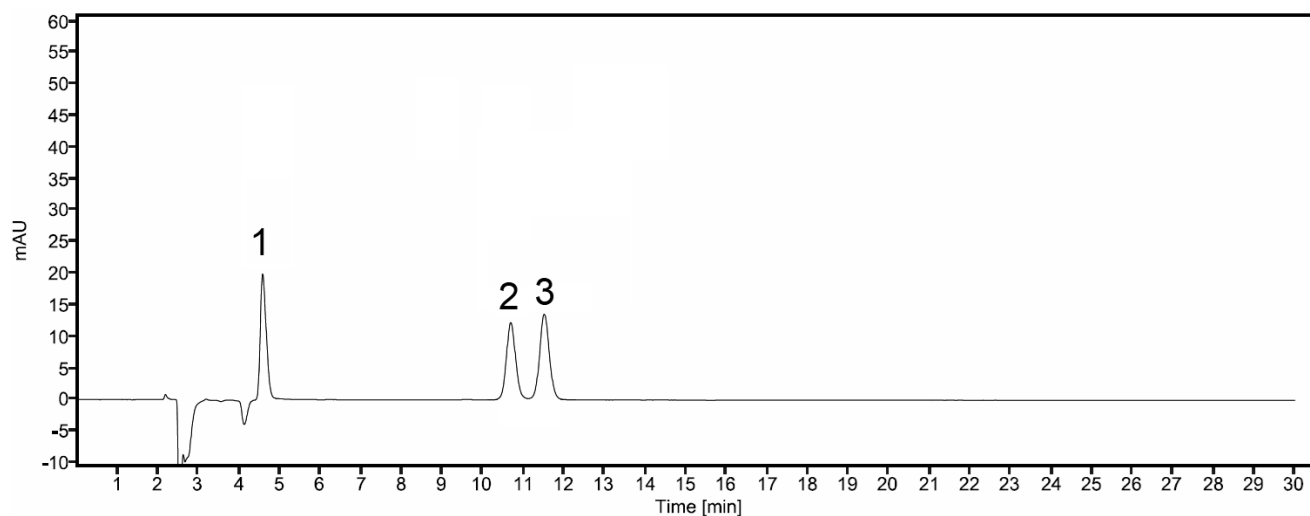


Peak ID: 1: Impurity A. 2: Impurity F. 3: Gliclazide.

Column	Macherey-Nagel Nucleosil 100-5 C8 (250 mm x 4.0 mm, 5 µm)
Method Ref.	Related Substances for the Gliclazide Prolonged-release Tablets monograph from BP 2025
Mobile Phase	Triethylamine: Trifluoroacetic acid: Acetonitrile: Water (0.1:0.1:40:60, v/v/v/v)
Diluent (Solution A)	Acetonitrile: Water (45:55, v/v)
Flow rate	0.9 mL/min
Column Temp	25°C
Injection Volume	100 µL

Detection	235 nm
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Typical chromatogram for solution (3) from the Assay test for Gliclazide Prolonged-release Tablets as published in BP 2025.



Peak ID: 1: Impurity A. 2: Impurity F. 3: Gliclazide.

Column	Macherey-Nagel Nucleosil 100-5 C8 (250 mm x 4.0 mm, 5 µm)
Method Ref.	Assay for the Gliclazide Prolonged-release Tablets monograph from BP 2025
Mobile Phase	Triethylamine: Trifluoroacetic acid: Acetonitrile: Water (0.1:0.1:40:60, v/v/v/v)
Diluent (Solution A)	Acetonitrile: Water (45:55, v/v)
Flow rate	0.9 mL/min
Column Temp	25°C
Injection Volume	100 µL
Detection	235 nm