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British Pharmacopoeia

**BRITISH PHARMACOPOEIA
CHEMICAL REFERENCE SUBSTANCE
INFORMATION LEAFLET**

**TRANEXAMIC ACID IMPURITY STANDARD
CATALOGUE NUMBER 734
CURRENT BATCH: 4442**

Declared Content

No declared content figure is given as the standard is not used for assay purposes.

Use

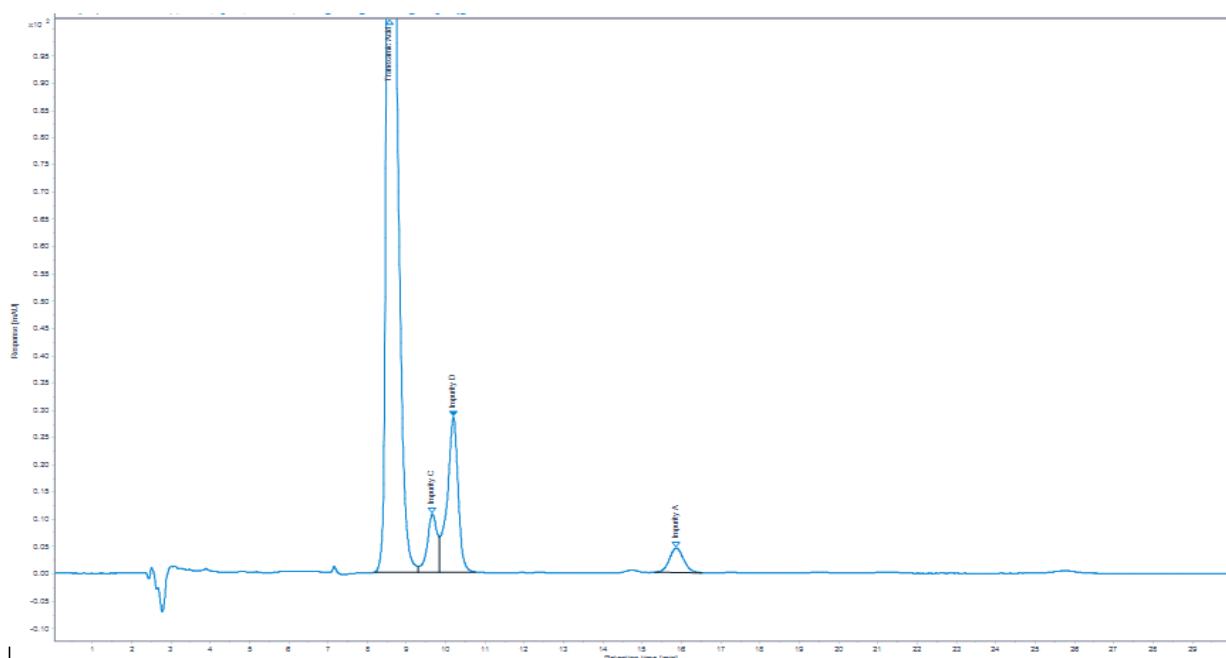
This British Pharmacopoeia Chemical Reference Substance (BPCRS) is to be used as directed in the monograph(s) of the British Pharmacopoeia and is not intended for any other purpose.





Reference Chromatogram(s)

Reference solution (4) 1.0% w/v of Tranexamic acid impurity standard BPCRS.



Related substances

Column: Hypersil ODS (250 mm x 4.6 mm, 5 μm)

Mobile Phase: 11.0 g of anhydrous sodium dihydrogen orthophosphate dissolved in 500 mL of water, 5 mL of triethylamine and 1.4 g of sodium dodecyl sulfate added, pH adjusted to 2.5 with orthophosphoric acid and diluted to 600 mL with water. 400 mL of methanol added and mixed.

Flow Rate: 0.9 mL/minute

Detection Wavelength: 220 nm

Elution order:

I: Tranexamic acid (8.6 minutes)

II: Tranexamic acid impurity C (9.7 minutes)

III: Tranexamic acid impurity D (10.2 minutes)

IV: Tranexamic acid impurity A (15.9 minutes)

Note: Tranexamic acid impurity B has a relative retention of about 1.4 (about 12.0 minutes) under these conditions (peak not shown)

Additional Information

For additional information on BPCRS please visit the British Pharmacopoeia website.

<https://www.pharmacopoeia.com>

