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**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.

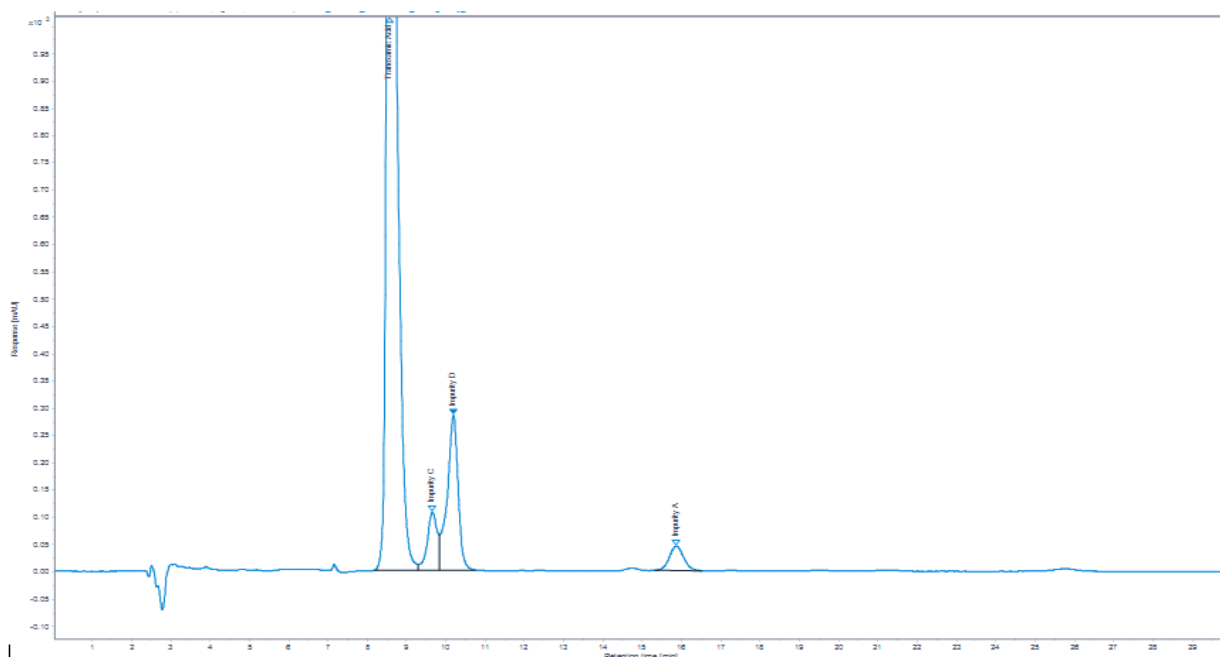
**Use**

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>