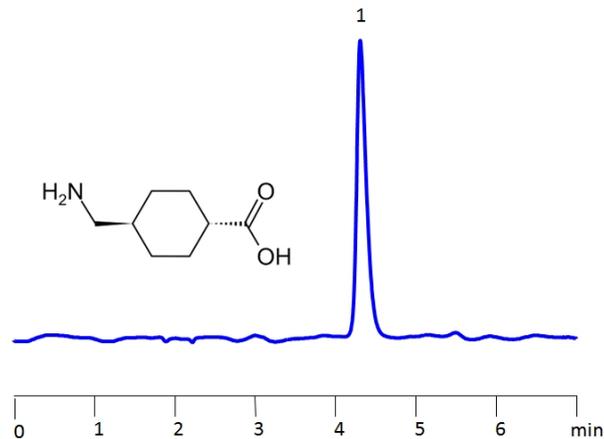


HPLC Determination of Tranexamic acid (TXA) on Primesep 200 Column



Column:	Primesep 200
Column size:	4.6 × 150 mm, 5 µm
Column part number:	200-46.150.0510
Mobile phase:	MeCN/H ₂ O – 5/95%
Buffer:	H ₃ PO ₄ – 0.1%
Flow rate:	1.0 mL/min
UV Detection:	210 nm

High Performance Liquid Chromatography (HPLC) Method for Analysis of Tranexamic acid. Tranexamic acid is a synthetic derivative of the amino acid lysine. Tranexamic acid is an antifibrinolytic agent. It works by blocking the breakdown of blood clots, which prevents bleeding.

Tranexamic acid can be retained on a Primesep 200 mixed-mode column with embedded weak acidic ion-pairing groups, having great peak shape using an isocratic method of acetonitrile (ACN), water and phosphoric acid (H₃PO₄) as a buffer. UV Detection 210 nm.

Method Parameters

Column	Primesep 200, 4.6 x 150 mm, 5 µm, 100 Å, dual ended
Mobile Phase	MeCN/H ₂ O – 5/95%
Buffer	H ₃ PO ₄ – 0.1%
Flow Rate	1.0 mL/min
Detection	UV 210 nm

Quelle: https://sielc.com/hplc-determination-of-tranexamic-acid_ps200