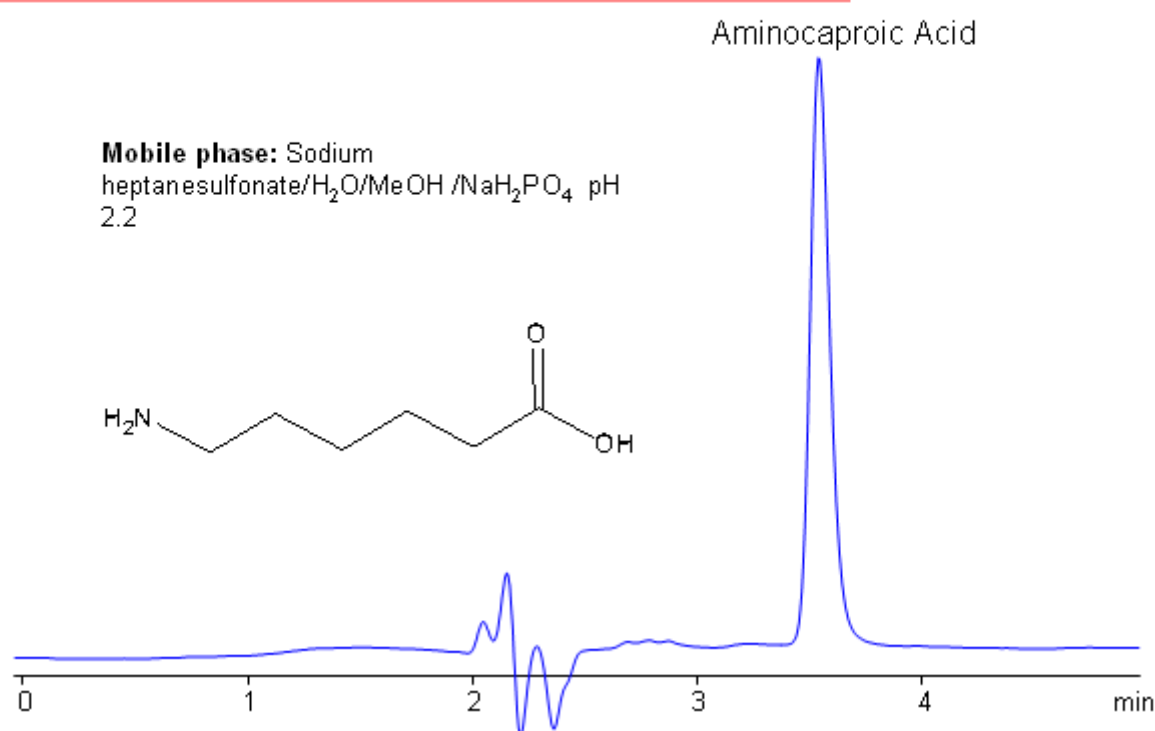


USP Methods for the Analysis of Aminocaproic Acid using the Legacy L1 Column

<https://sielc.com/Application-USP-Methods-for-the-Analysis-of-Aminocaproic-Acid-using-the-Legacy-L1-Column>

Chromatogram

Column: Legacy L1
Size: 4.6 x 150 mm
Mobile phase: Sodium heptanesulfonate/H₂O/MeOH /NaH₂PO₄ pH 2.2
Flow: 0.7 mL/min
Detection: UV 210nm



Description

Application Notes: Aminocaproic acid is an enzymatic inhibitor. According to USP methods, aminocaproic acid contains not less than 98.5% and not more than 101.5% of aminocaproic acid calculated on a dried basis. The USP HPLC method for the separation of aminocaproic acid was developed on Legacy L1 column according to the US Pharmacopeia methodology. L1 classification is assigned to reversed-phase HPLC column containing C18 ligand. Support for the material is spherical silica gel with particles size 3-10 µm and pore size of 100-120Å. Resolution between critical pairs corresponds to rules and specifications of USP.

Application Columns: Legacy L1 C18 HPLC column · Application compounds: Aminocaproic acid · Mobile phase: Sodium heptanesulfonate/H₂O/MeOH /NaH₂PO₄ pH 2.2 · Detection technique: UV · Reference: USP35: NF30

Method Parameters

Mobile Phase	Sodium heptanesulfonate/H ₂ O/MeOH /NaH ₂ PO ₄ pH 2.2
Flow Rate	0.7 ml/min
Detection	UV, 210 nm
Class of Compounds	Drug, Clotting promoter, Hydrophilic, Ionizable

HPLC Column Used

Legacy L1, 4.6×150 mm, 5 µm, 100A[Order this column at hplc-shop.de →](https://www.hplc-shop.de)