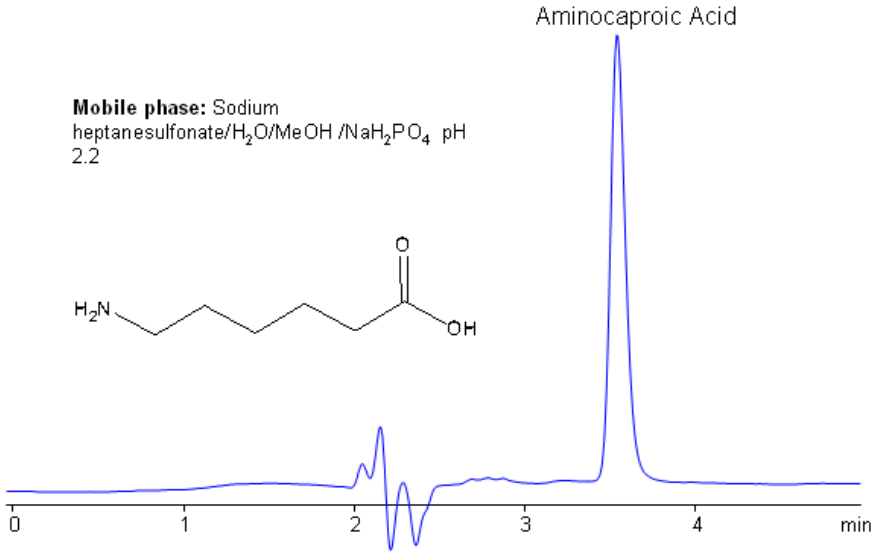
USP Methods for the Analysis of Aminocaproic Acid using the Legacy L1 Column

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



Application Notes: Aminocaproic acid is a enzymatic inhibitor. According to USP methods, aminocaproic acid conatins 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 100-120 Å. Resolution between critical pairs corresponds to rules and specifications of UPS.

Application Columns: Legacy L1 C18HPLCcolumn

Application compounds: Aminocaproic acid

Mobile phase: Sodium heptanesulfonate/H2O/MeOH /NaH2PO4pH 2.2

Detection technique: UV

Reference: USP35: NF30

SIELC's family of Legacy columns is based on the United States Pharmacopeia's (USP) published chromatographic methods and procedures. Numerous brands have columns used in USP reference standards and methods. USP has created various designations to group together columns with similar types of packing and properties in the solid phase. SIELC's Legacy columns adhere to these strict requirements and properties, allowing you to easily replace older columns that are no longer available without needing to significantly modify your method or SOPs.

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Method Parameters

Column	Legacy L1, 4.6×150 mm, 5 µm, 100 Å
Mobile Phase	Sodium heptanesulfonate/H2O/MeOH /NaH2PO4pH 2.2
Flow Rate	0.7 mL/min
Detection	UV, 210 nm

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