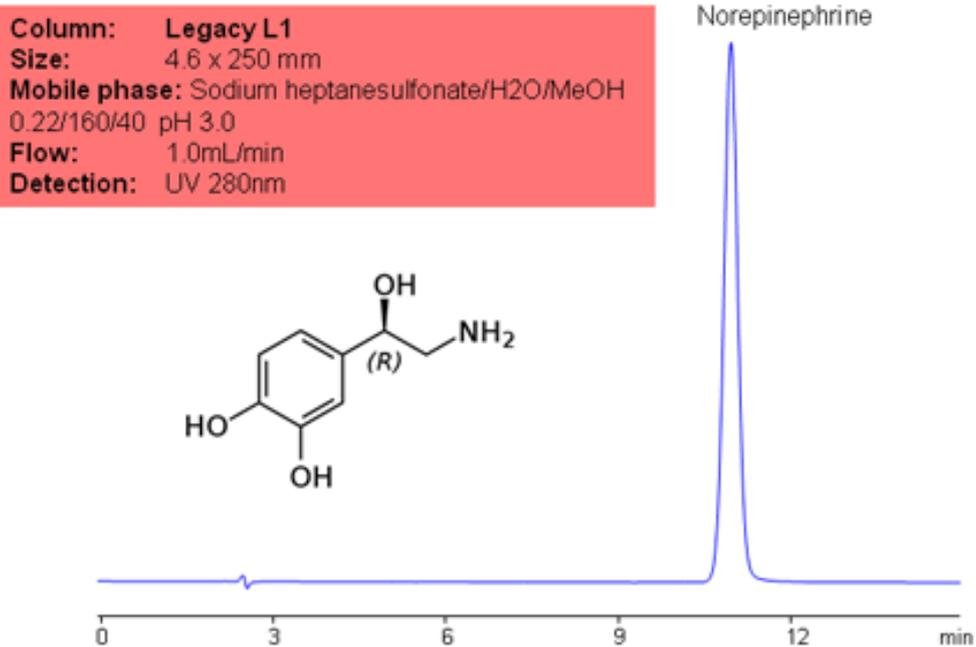


USP Method for the Analysis of Norepinephrine using the Legacy L1 Column



Application Notes: Norepinephrine is a naturally occurring hormone and neurotransmitter. The USP HPLC method for the separation of norepinephrine 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: Norepinephrine

Mobile phase: Sodium heptanesulfonate/H₂O/MeOH0.22/160/40 pH 3.0

Detection technique: UV

Reference: USP35: NF30

Method Parameters

Column	Legacy L1, 4.6x250 mm, 5 µm, 100 Å
Mobile Phase	Sodium heptanesulfonate/H ₂ O/MeOH0.22/160/40 pH 3.0
Buffer	Sodium heptanesulfonate
Flow Rate	1.0 mL/min
Detection	UV, 280 nm

Quelle: https://sielc.com/usp_methods_for_the_analysis_of_norepinephrine_using_the_legacy_l1_column-2