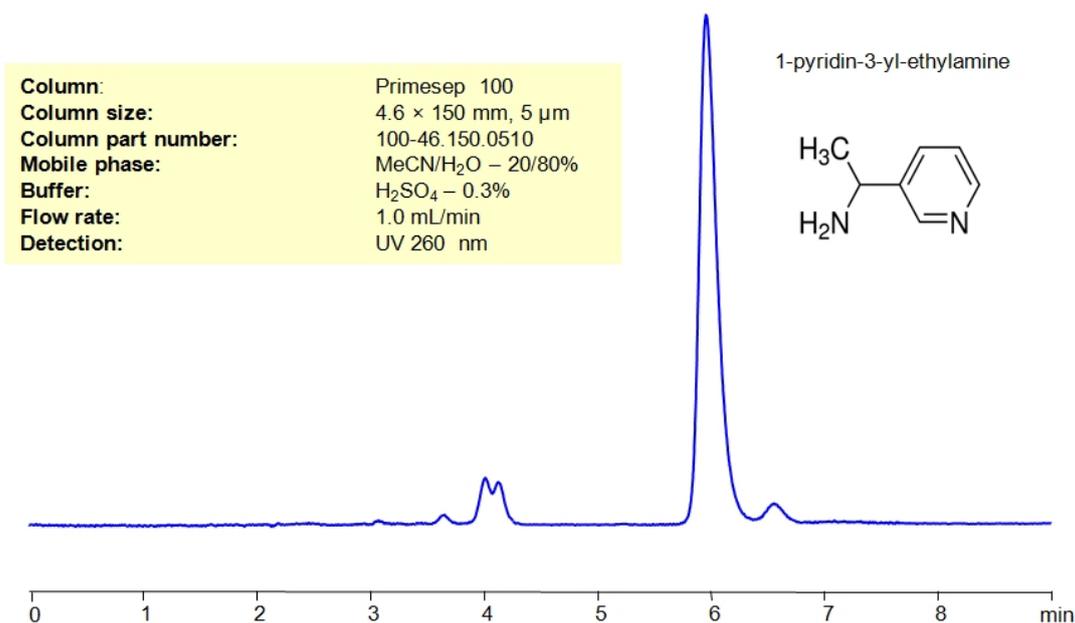


HPLC Determination of 1-pyridin-3-yl-ethylamine on Primesep 100 Column



High Performance Liquid Chromatography (HPLC) Method for Analysis of 1-pyridin-3-yl-ethylamine.

1-pyridin-3-yl-ethylamine has the chemical formula C₇H₁₀N₂.

1-pyridin-3-yl-ethylamine can be retained on the Primesep 100 mixed-mode column using an isocratic analytical method with a simple mobile phase of water, acetonitrile (MeCN, ACN), and sulphuric acid (H₂SO₄) buffer. The analysis method can be UV detected at 260 nm.

Method Parameters

Column	Primesep 100, 4.6 x 150 mm, 5 µm, 100 Å, dual ended
Mobile Phase	MeCN/H ₂ O – 20/80%
Buffer	H ₂ SO ₄ – 0.3%
Flow Rate	1.0 mL/min
Detection	UV, 260 nm

Quelle: <https://sielc.com/hplc-determination-of-1-pyridin-3-yl-ethylamine-on-primesep-100-column>