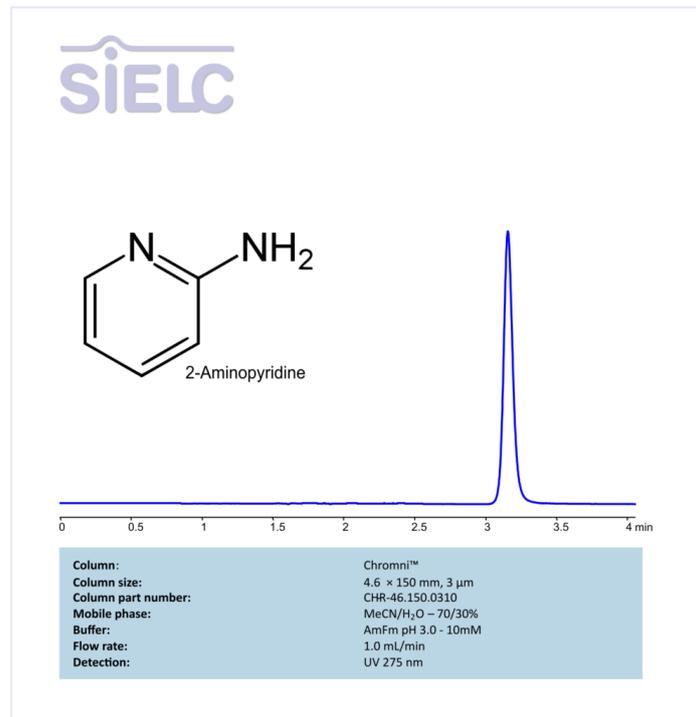


HPLC Method for Analysis of 2-Aminopyridine on Chromni Column



High Performance Liquid Chromatography (HPLC) Method for Analysis of 2-Aminopyridine

2-Aminopyridine is a synthetic organochlorine compound with the molecular formula C₅H₆N₂.

Properties: Appearance: Typically a white powder or crystals.

Molecular weight: ~94.11 g/mol

Solubility: Soluble in water and alcohol.

Uses: Production of the drugs tenoxicam, sulfapyridine, piroxicam, tripeleppamine.

2-Aminopyridine can be retained and analyzed using the Chromni stationary phase column. The analysis utilizes an isocratic method with a simple mobile phase consisting of water, acetonitrile (MeCN), and ammonium formate. Detection is performed using UV.

Method Parameters

Column	Chromni, 4.6 x 150 mm, 3 µm, 100 Å, dual ended
Mobile Phase	MeCN – 70%
Buffer	Ammonium Formate – 10mM
Flow Rate	1.0 mL/min
Detection	UV 275 nm

Quelle: <https://sielc.com/hplc-method-for-analysis-of-2-aminopyridine>