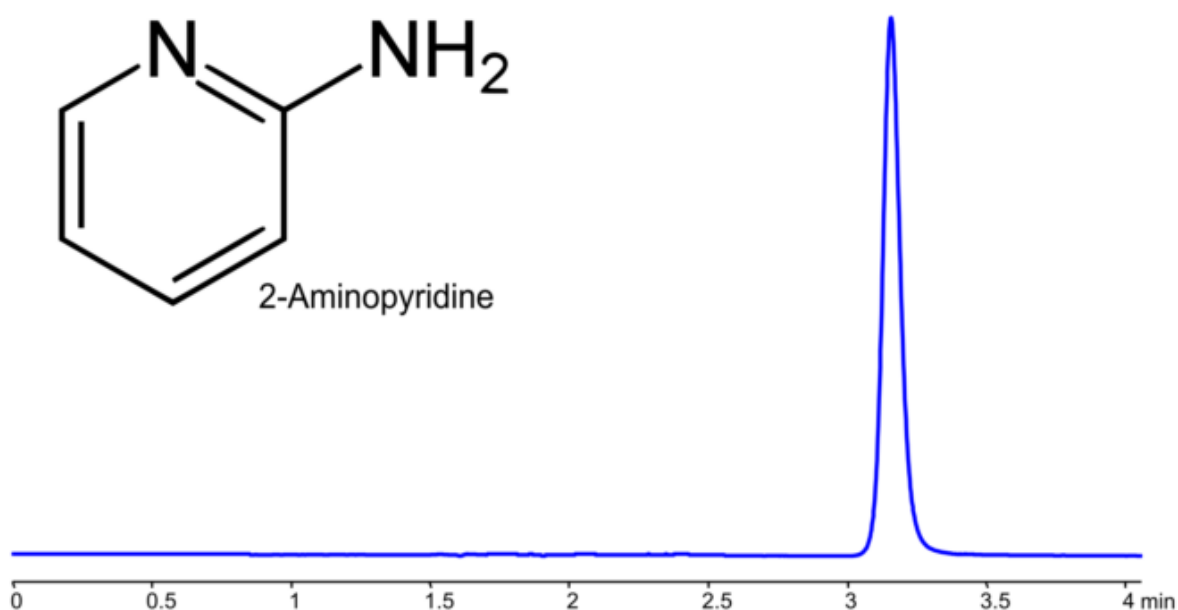
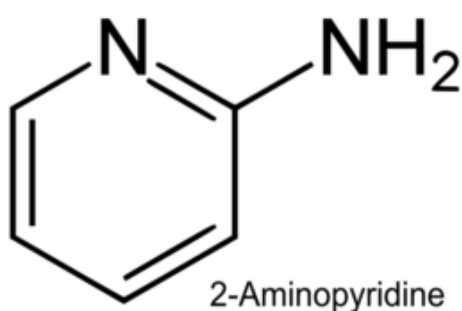


HPLC Method for Analysis of 2-Aminopyridine on Chromni Column

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

Chromatogram

siELC



Column:	Chromni™
Column size:	4.6 × 150 mm, 3 µm
Column part number:	CHR-46.150.0310
Mobile phase:	MeCN/H ₂ O – 70/30%
Buffer:	AmFm pH 3.0 - 10mM
Flow rate:	1.0 mL/min
Detection:	UV 275 nm

Description

· High Performance Liquid Chromatography (HPLC) Method for Analysis of 2-Aminopyridine · 2-Aminopyridine is an 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, tripeleminamine.

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

Mobile Phase	MeCN – 70%
Buffer	Ammonium Formate – 10mM
Flow Rate	1.0 ml/min
Detection	UV 275 nm
Class of Compounds	Tertiary Amine
Analyzing Compounds	2-Aminopyridine

HPLC Column Used

Chromni, 4.6 x 150 mm, 3 µm, 100 A, dual ended

[Order this column at hplc-shop.de →](#)