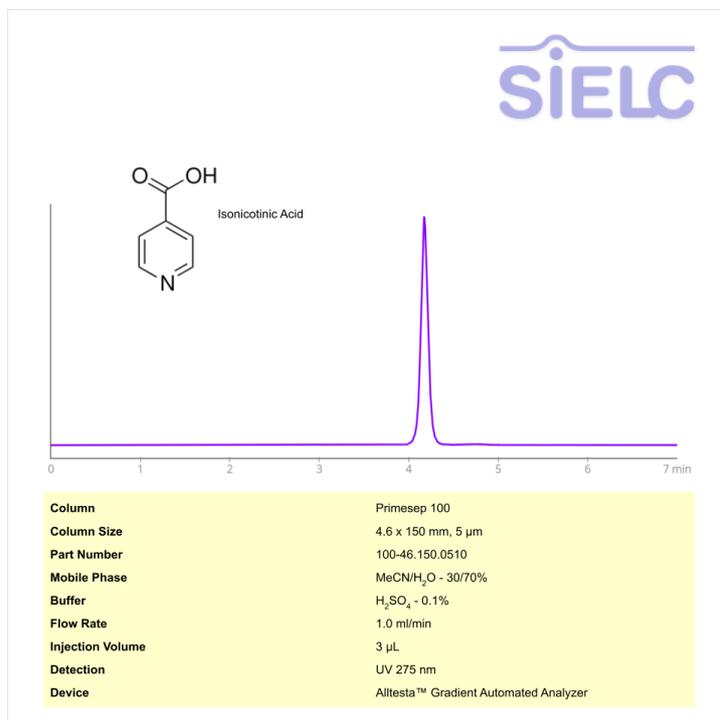


HPLC Method for Analysis of Isonicotinic Acid on Primesep 100 Column on Alltesta™



High Performance Liquid Chromatography (HPLC) Method for Analysis of Isonicotinic Acid

Isonicotinic Acid is a nucleoside with the C₆H₅NO₂ molecular formula. It is a derivative of pyridine, making it a pyridinemonocarboxylic acid. It acts primarily as a metabolite in humans and algae.

Isonicotinic Acid can be retained and analyzed using the Primesep 100 stationary phase column. The analysis utilizes an isocratic method with a simple mobile phase consisting of water and acetonitrile (MeCN) with phosphoric acid as a buffer. Detection is performed using UV.

Method Parameters

Column	Primesep 100, 4.6 x 150 mm, 5 µm, 100 Å, dual ended
Mobile Phase	MeCN – 30%
Buffer	H ₂ SO ₄ – 0.1%
Flow Rate	1.0 mL/min
Detection	UV 275 nm

Quelle: <https://sielc.com/hplc-method-for-analysis-of-isonicotinic-acid>