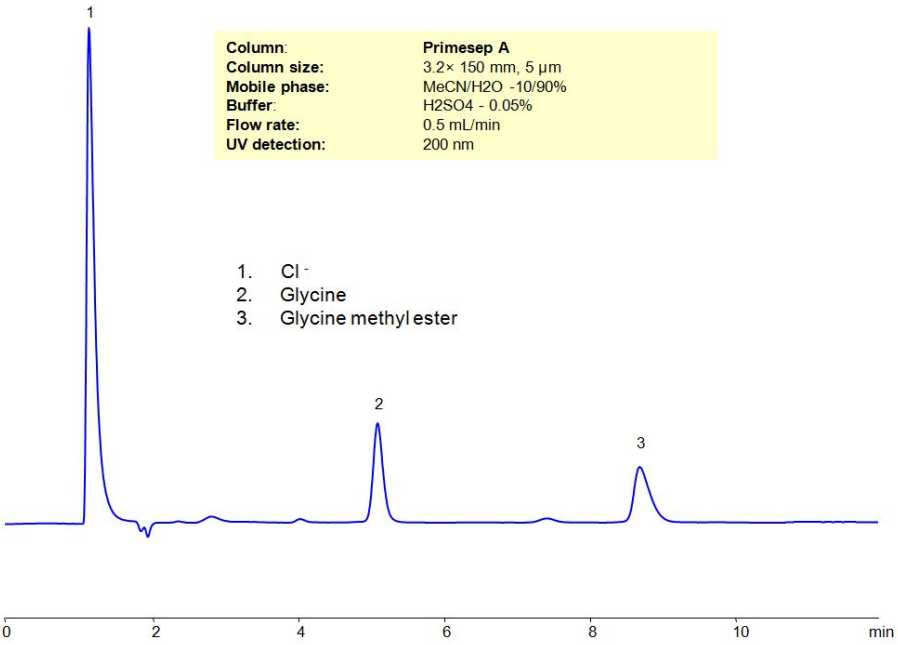
HPLC Method for Analysis of Glycine Methyl Ester Hydrochloride



High Performance Liquid Chromatography (HPLC) Method for Analysis of Glycine methyl ester , Glycine

Glycine Methyl Ester Hydrochloride is a water soluble organic compound that is typically used in synthesis of pharmaceuticals and pesticides. Besides that, it is also used as a flavor enhancer and nutritional supplement.

Glycine Methyl Ester Hydrochloride can be retained and analyzed using the Primesep-A stationary phase column. The analysis utilizes an isocratic method with a simple mobile phase consisting of water and acetonitrile (MeCN) with a sulfuric acid buffer. Detection is performed using UV.

Method Parameters

Column	Primesep A, 3.2 x 150 mm, 5 µm, 100 Å, dual ended
Mobile Phase	MeCN/H2O – 10/90%
Buffer	H2SO4 – 0.05%
Flow Rate	0.05 mL/min
Detection	UV, 200 nm

Quelle: https://sielc.com/hplc-method-for-analysis-of-glycine-methyl-ester-hydrochloride-2

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