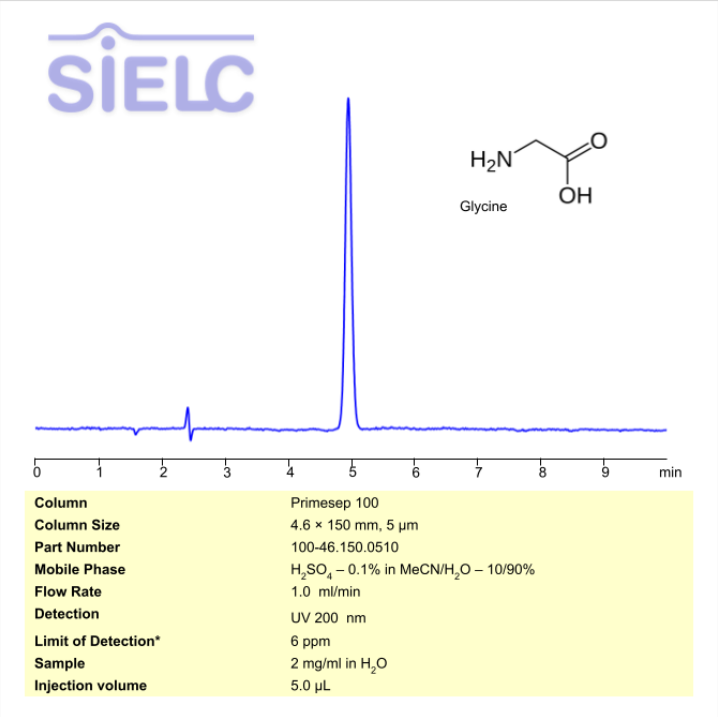
HPLC Method for Analysis of Glycine on Primesep 100 Column



High Performance Liquid Chromatography (HPLC) Method for Analysis of Glycine .

Glycine , also written as Gly or G , is an important amino acid compounds widely used in pharmaceutical, biochemical, and peptide research. It has the chemical formula C2H5NO2 . It is water-soluble and plays a critical role in protein synthesis, peptide modification, and metabolic studies. It can be found in meat., eggs. and bones. You can find detailed UV spectra of Glycine and information about its various lambda maxima by visiting the following link.

Glycine 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 sulfuric acid as a buffer. Detection is performed using UV.

*LOD was determined for this combination of instrument, method, and analyte, and it can vary from one laboratory to another even when the same general type of analysis is being performed.

Method Parameters

Column	Primesep 100, 4.6 x 150 mm, 5 µm, 100 Å, dual ended
Mobile Phase	MeCN – 10%
Buffer	Sulfuric Acid – 0.1%
Flow Rate	1.0 mL/min
Detection	UV 200 nm

AugustaChrom - Dr. Roland Kießwetter
Tel.: +49 821 599 783 70
Fax: +49 821 599 783 71
E-Mail: info@hplc-shop.de

Quelle: https://sielc.com/hplc-method-for-analysis-of-glycine