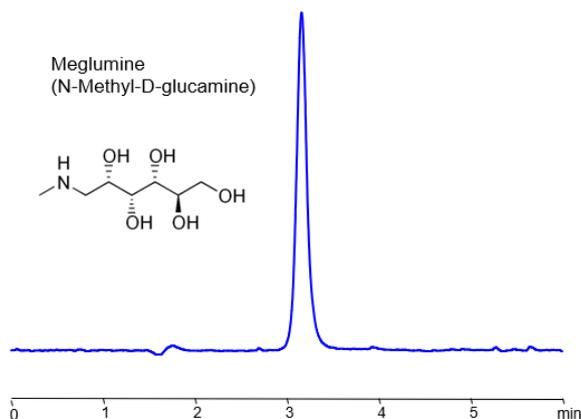


HPLC Method for Analysis of Meglumine on Primesep 100 Column by SIELC Technologies



Column:	Primesep 100
Column size:	2.1 × 100 mm, 3 µm
Column part number:	100-21.100.0310
Mobile phase:	MeCN – 20%
Buffer:	TFA - 0.2%
Flow rate:	0.2 mL/min
Detection:	ELSD, 50°C

Meglumine is a sugar alcohol with the chemical formula C₇H₁₇NO₅. It is a derivative of glucose that is used primarily as an excipient in pharmaceuticals. You can find detailed UV spectra of Meglumine and information about its various lambda maxima by visiting the following link.

Meglumine (N-Methyl-D-glucamine) can be retained and analyzed on a Primesep 100 mixed-mode stationary phase column using an isocratic analytical method with a simple isocratic mobile phase of water, Acetonitrile (MeCN), and a sulfuric acid (H₂SO₄) buffer. This analysis method can be detected and is compatible with Mass Spectrometry (MS), ELSD, and CAD.

Method Parameters

Column	Primesep 100, 2.1 x 100 mm, 3 µm, 100 Å, dual ended
Mobile Phase	MeCN – 10%
Buffer	TFA – 0.2%
Flow Rate	0.2 mL/min
Detection	ELSD, 50C

Quelle: <https://sielc.com/hplc-method-for-determination-of-meglumine>