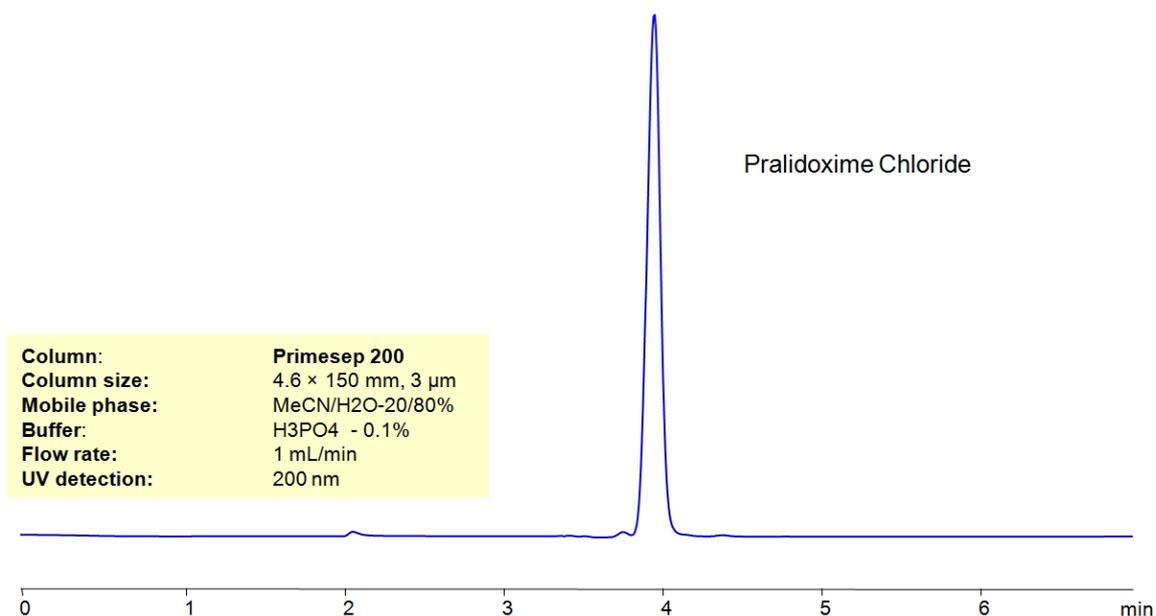


HPLC Determination of Pralidoxime Chloride on Primesep 200 Column



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

Pralidoxime Chloride , also known as 2-PAM, is a cholinesterase reactivator with the chemical formula C₇H₉N₂O + . It is used as an antidote for poisoning by organophosphate pesticides and nerve agents.

Pralidoxime Chloride can be retained and analyzed using the Primesep 200 stationary phase column. The analysis utilizes an isocratic method with a simple mobile phase consisting of water and acetonitrile (MeCN) with a [buffer] buffer. Detection is performed using UV.

Method Parameters

Column	Primesep 200, 4.6 x 150 mm, 3 µm, 100 Å, dual ended
Mobile Phase	MeCN/H ₂ O – 20/80%
Buffer	H ₃ PO ₄ – 0.1%
Flow Rate	1.0 mL/min
Detection	UV, 200 nm

Quelle: <https://sielc.com/hplc-determination-of-pralidoxime-chloride>