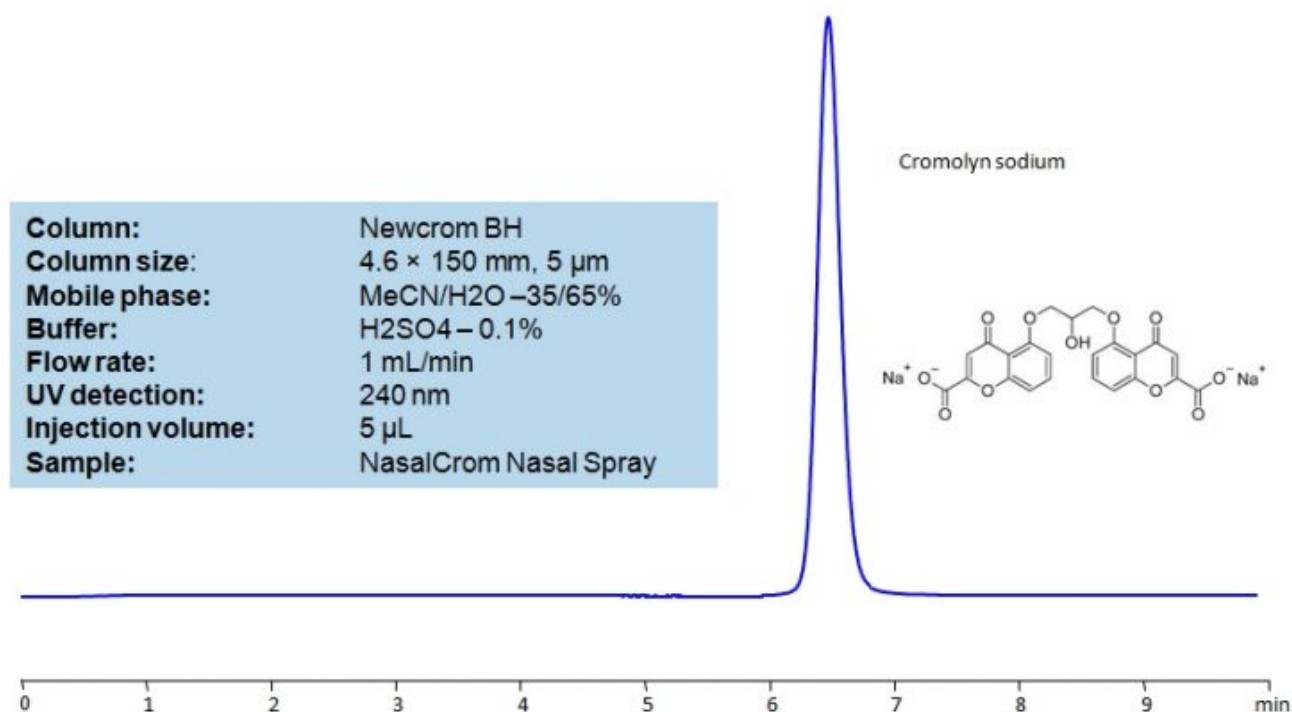


HPLC Determination of Cromolyn Sodium (Sodium cromoglycate) on Newcrom BH Column

<https://sielc.com/hplc-determination-of-cromolyn-sodium-on-newcrom-bh-column>

Chromatogram



Description

· High Performance Liquid Chromatography (HPLC) Method for Cromolyn sodium

Cromolyn sodium is a medication used to manage bronchial asthma, allergic rhinitis, and certain allergic eye conditions such as vernal conjunctivitis, keratitis, and keratoconjunctivitis. Cromolyn sodium can be retained in HPLC with a Newcrom BH mixed-mode column using a mobile phase of acetonitrile (ACN) and water and Sulfuric Acid (H₂SO₄) buffer allowing the use of a UV detector at 240 nm.

Method Parameters

Mobile Phase	MeCN/H ₂ O – 35/65%
Buffer	H ₂ SO ₄ – 0.1%
Flow Rate	1.0 ml/min
Detection	UV 240nm
Class of Compounds	Drug
Analyzing Compounds	Cromolyn sodium (Sodium cromoglycate)

HPLC Column Used

Newcrom BH, 4.6 x 150 mm, 5 µm, 100 A, dual ended

[Order this column at hplc-shop.de →](#)