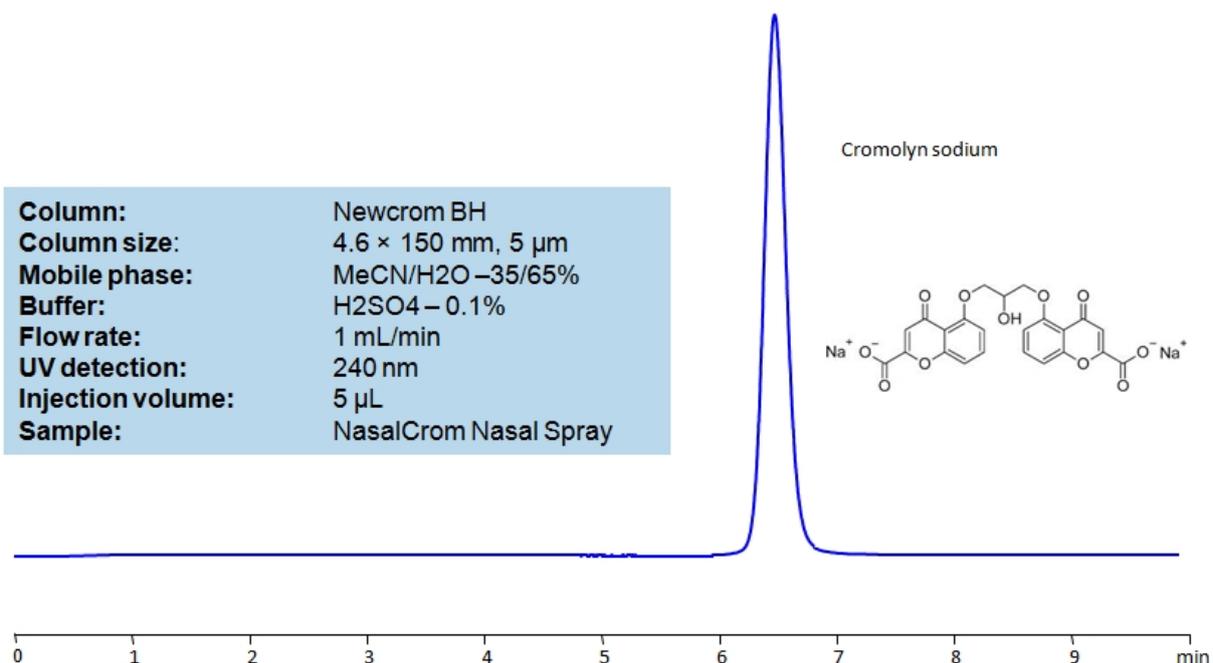


HPLC Determination of Cromolyn Sodium (Sodium cromoglycate) on Newcrom BH Column



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

| | |
|---------------------|---------------------------------------------------|
| Column | Newcrom BH, 4.6 x 150 mm, 5 µm, 100 Å, dual ended |
| Mobile Phase | MeCN/H ₂ O – 35/65% |
| Buffer | H ₂ SO ₄ – 0.1% |
| Flow Rate | 1.0 mL/min |
| Detection | UV 240 nm |

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