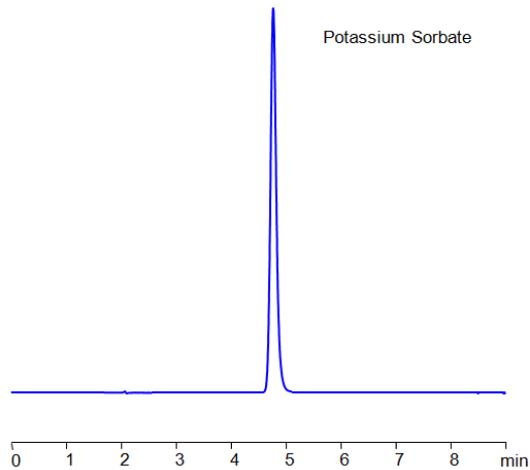


## HPLC Method for Analysis of Potassium Sorbate on Newcrom BH Column



<b>Column:</b>	Newcrom BH
<b>Column size:</b>	4.6 x 150 mm, 5 µm
<b>Column part number:</b>	NBH-46.150.0510
<b>Mobile phase:</b>	MeCN/H <sub>2</sub> O – 20/80%
<b>Buffer:</b>	H <sub>2</sub> SO <sub>4</sub> – 0.1%
<b>Flow rate:</b>	1.0 mL/min
<b>Detection:</b>	UV 250 nm

Potassium Sorbate is a popular preservative used in a wide variety of foods, wines, and personal-care products. Potassium Sorbate can be retained and analyzed on a mixed-mode Newcrom BH column with a mobile phase consisting of water, Acetonitrile (MeCN), and Sulfuric acid (H<sub>2</sub>SO<sub>4</sub>). This analytical method can be UV detected at 210 nm with high resolution and peak symmetry.

The Newcrom columns are a family of reverse-phase-based columns. Newcrom A , AH , B , and BH are all mixed-mode columns with either positive or negative ion-pairing groups attached to either short (25 Å) or long (100 Å) ligand chains. Newcrom R1 is a special reverse-phase column with low silanol activity.

Quelle: <https://sielc.com/hplc-method-for-analysis-of-potassium-sorbat>