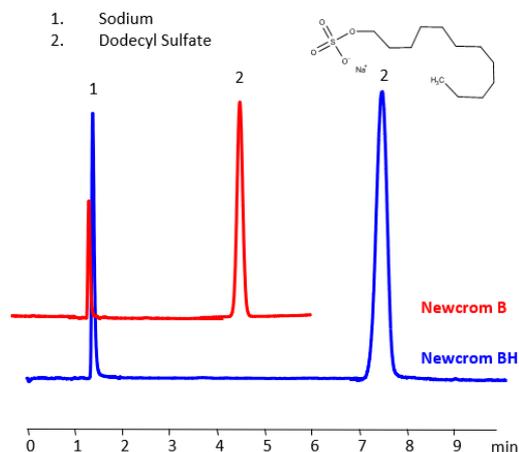


HPLC Determination of Sodium Dodecyl Sulfate on Newcrom BH and Newcrom B Columns



Column:	Newcrom B, Newcrom BH
Column size:	4.6 × 150 mm, 5 µm
Mobile phase:	MeCN/H ₂ O – 70/30%
Buffer:	AmFm pH 3.0 – 60 mM
Detection:	CAD
Flow rate:	1.0 ml/min

Sodium dodecyl sulfate, or sodium lauryl sulfate, is a surfactant used in cleaning and hygienic products. It has a twelve carbon hydrophobic tail attached to a polar sulfate. Dodecyl sulfate can be retained on Newcrom BH column in under 10 minutes with an MS-compatible mobile phase.

Method Parameters

Column	Newcrom B, 4.6 x 150 mm, 5 µm, 100 Å, dual ended
Mobile Phase	MeCN/H ₂ O – 70/30%
Buffer	AmFm pH 3.0 – 60 mM
Flow Rate	1.0 mL/min
Detection	CAD (Corona) MS- compatible mobile phase

Quelle: <https://sielc.com/hplc-determination-of-sodium-dodecyl-sulfate-on-newcrom-ah-column-2>