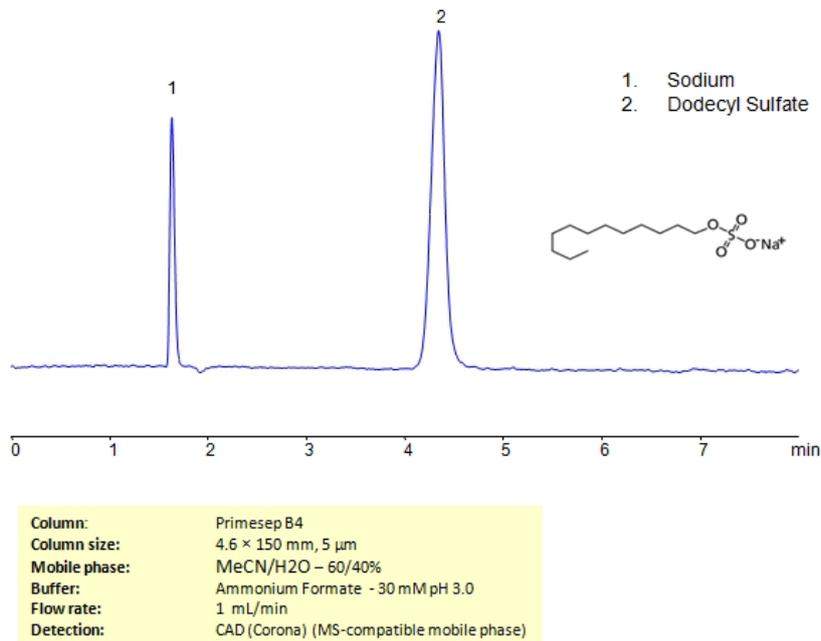


## HPLC Determination of Sodium Dodecyl Sulfate on Primesep B4 Column



High Performance Liquid Chromatography (HPLC) Method for Analysis of Sodium dodecyl sulfate .

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 Primesep B4 column in under 5 minutes with an MS-compatible mobile phase. Primesep B4 is a short carbon chain reverse-phase (RP) mixed-mode column with embedded basic ion-pairing groups.

### Method Parameters

<b>Column</b>	Primesep B4
<b>Mobile Phase</b>	MeCN/H <sub>2</sub> O – 60/40%
<b>Buffer</b>	AmFm pH 3.0 – 30 mM
<b>Flow Rate</b>	1.0 mL/min
<b>Detection</b>	CAD (Corona) MS- compatible mobile phase

Quelle: <https://sielc.com/hplc-determination-of-sodium-dodecyl-sulfate>