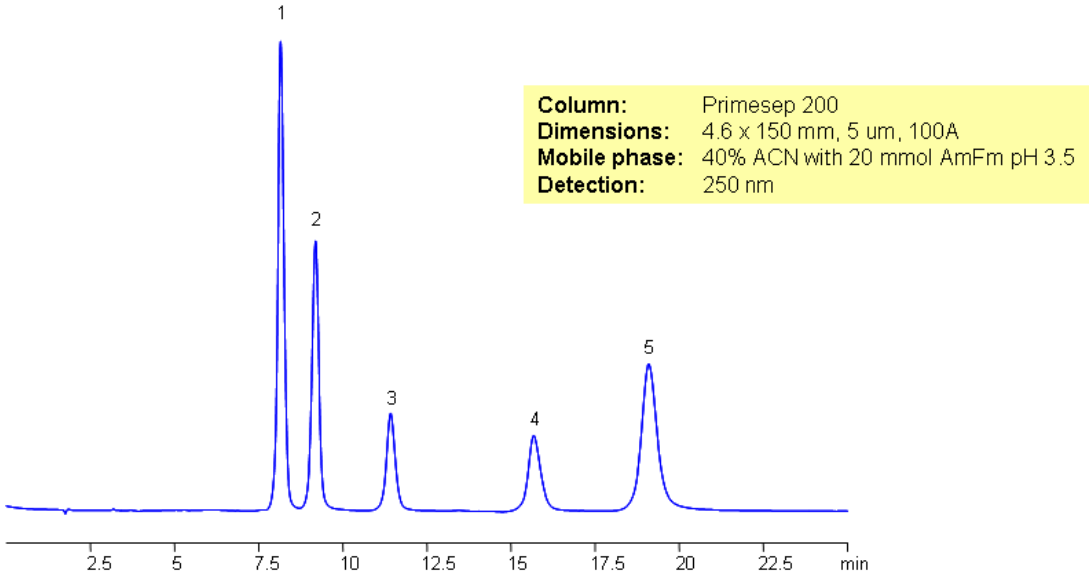
Separation of Toluidine and Aminobiphenyl Isomers

1. o-Toluidine
2. 2-Aminobiphenyl
3. m-Toluidine
4. p-Toluidine
5. 4-Aminobiphenyl



Toluidine isomers and aminobyphenyl isomers are organic compounds each with a substituted amine group. Primesep 200 was used to separate these isomers. Primesep 200 separates isomers by interacting with polar molecules, retaining basic compounds, and additionally by reverse phase mechanism.

Method Parameters

Column	Primesep 200, 4.6×150 mm, 5 µm, 100 Å
Mobile Phase	MeCN/H2O
Buffer	AmFmPh3.5
Flow Rate	1.0 mL/min
Detection	UV, 250 nm

Quelle: https://sielc.com/Application%20Separation%20of%20Toluidine%20and%20Aminobiphenyl%20Isomers