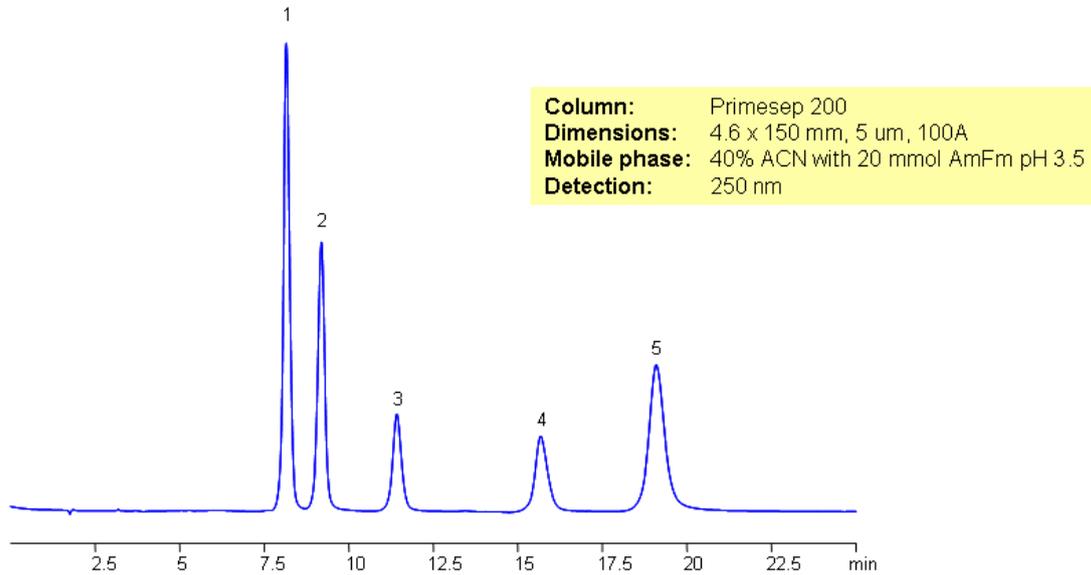


Separation of Toluidine and Aminobiphenyl Isomers

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



Toluidine isomers and aminobiphenyl 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, 4.6x150 mm, 5 µm, 100 Å
Mobile Phase	MeCN/H ₂ O
Buffer	AmFmPh3.5
Flow Rate	1.0 mL/min
Detection	UV, 250 nm

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