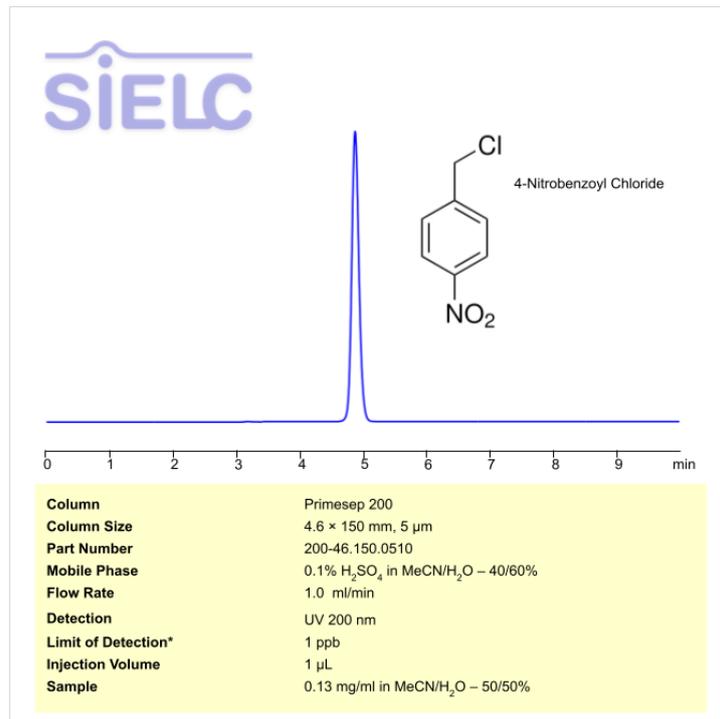


HPLC Method for Analysis of Benzoin on Primesep 200 Column



High Performance Liquid Chromatography (HPLC) Method for Analysis of Epibatidine

Benzoin is an organic compound with the chemical formula C₁₄H₁₂O₂. It is primarily used as a precursor to benzil or in powder coating. You can find detailed UV spectra of Benzoin and information about its various lambda maxima by visiting the following link.

Benzoin can be retained and analyzed using the Primesep 200 stationary phase column. The analysis utilizes an isocratic method with a simple mobile phase consisting of water and acetonitrile (MeCN) with a sulfuric acid buffer. Detection is performed using UV.

Method Parameters

Column	Primesep 200, 4.6 x 150 mm, 5 µm, 100 Å, dual ended
Mobile Phase	MeCN/H ₂ O – 40/60%
Buffer	H ₂ SO ₄ – 0.1%
Flow Rate	1.0 mL/min
Detection	UV 200 nm

Quelle: <https://sielc.com/hplc-ms-separation-of-benzoin>