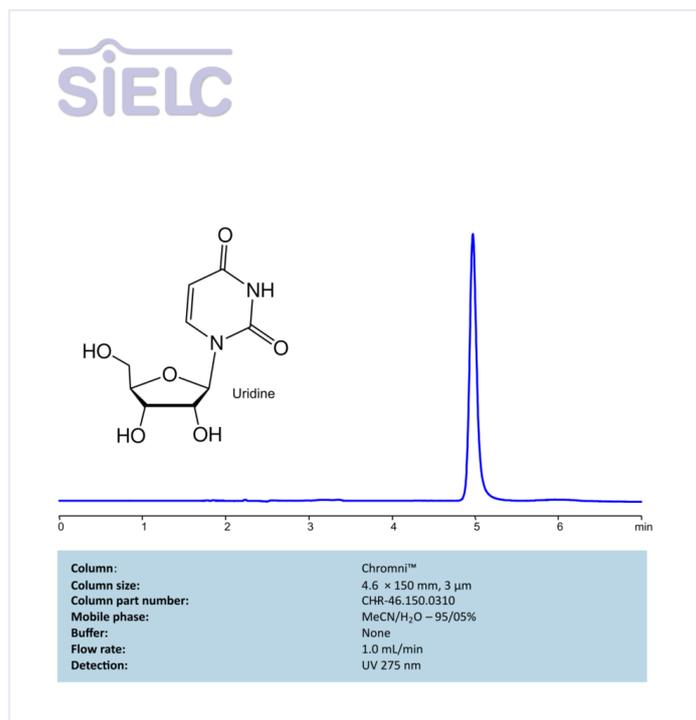


HPLC Method for Analysis of Uridine on Chromni Column



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

Uridine is a glycosylated pyrimidine analog with the molecular formula C₉H₁₂O₆.

Properties: Appearance: Typically a white or off-white powder.

Molecular weight: ~244.2 g/mol

Solubility: Soluble in water.

Uses: Neuropsychiatric drug.

Uridine can be retained and analyzed using the Chromni stationary phase column. The analysis utilizes an isocratic method with a simple mobile phase consisting of water, acetonitrile (MeCN). Detection is performed using UV.

Method Parameters

Column	Chromni, 4.6 x 150 mm, 3 µm, 100 Å, dual ended
Mobile Phase	MeCN – 95%
Buffer	None
Flow Rate	1.0 mL/min
Detection	UV 275 nm

Quelle: <https://sielc.com/hplc-method-for-analysis-of-uridine>