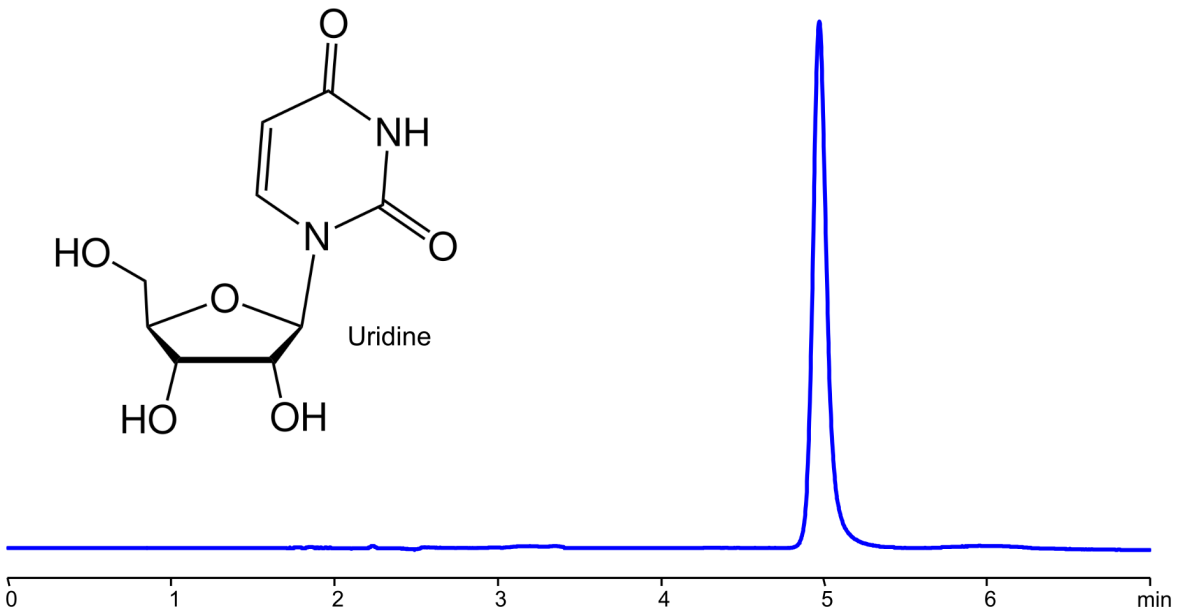
# HPLC Method for Analysis of Uridine on Chromni Column

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

## Chromatogram




| | |
|---|---|
| **Column:** | Chromni™ |
| **Column size:** | 4.6 × 150 mm, 3 µm |
| **Column part number:** | CHR-46.150.0310 |
| **Mobile phase:** | MeCN/$H_2O$ – 95/05% |
| **Buffer:** | None |
| **Flow rate:** | 1.0 mL/min |
| **Detection:** | UV 275 nm |

## Description

· High Performance Liquid Chromatography (HPLC) Method for Analysis of Uridine · Uridine is a glycosylated pyrimidine analog with the molecular formula C 9 H 12 O 6 . · 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

| | |
|---|---|
| **Mobile Phase** | MeCN – 95% |
| **Buffer** | None |
| **Flow Rate** | 1.0 ml/min |
| **Detection** | UV 275 nm |
| **Class of Compounds** | Pyrimidine Nucleoside |
| **Analyzing Compounds** | Uridine |

## HPLC Column Used

**Chromni, 4.6 x 150 mm, 3 µm, 100 A, dual ended**

Order this column at hplc-shop.de →