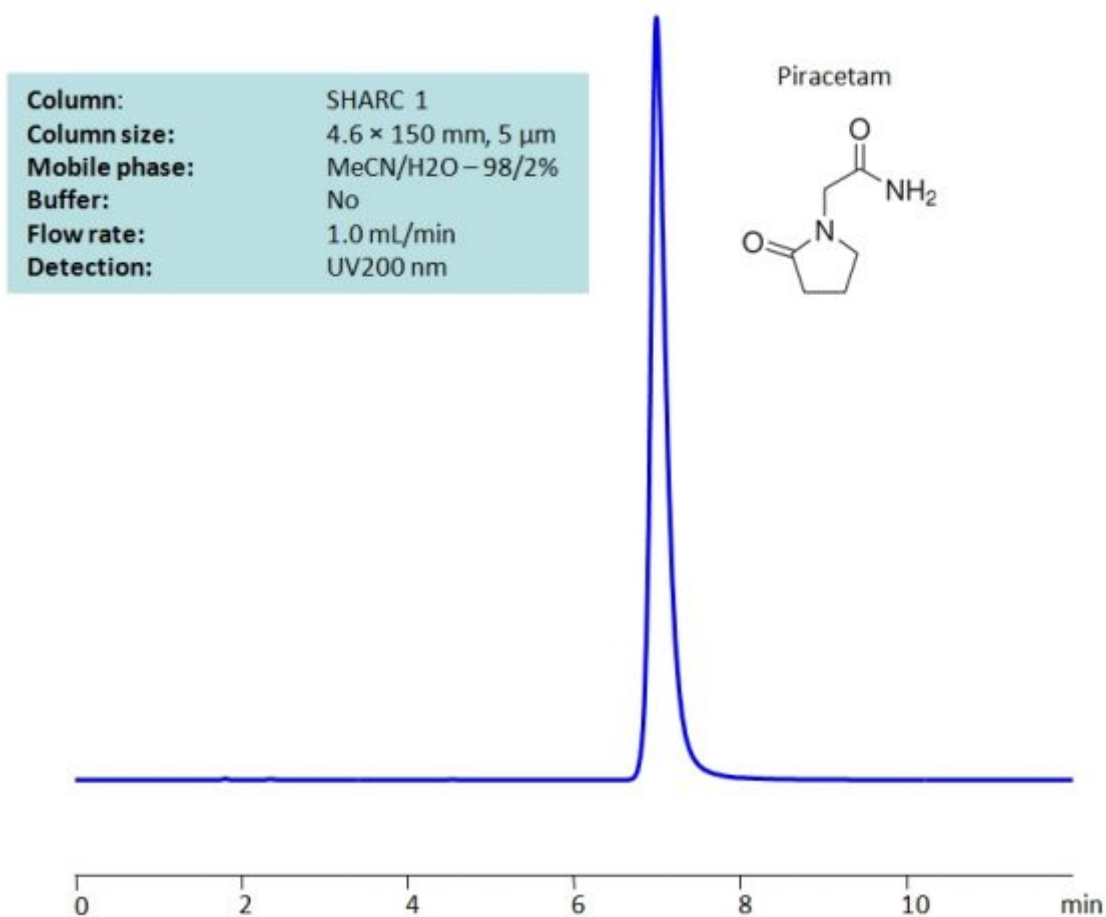


HPLC Determination of Piracetam on SHARC 1 Column

<https://sielc.com/hplc-determination-of-piracetam>

Chromatogram



Description

· High Performance Liquid Chromatography (HPLC) Method for Analysis of Piracetam

Piracetam has been marketed as a treatment for myoclonus, vertigo, dyslexia, and sickle cell anemia. It is approved for use across many European countries, but is not approved by the FDA in the United States. Its chemical formula is C₆H₁₀N₂O₂.

[compound] can be detected in the low UV regime. Using a SHARC 1 hydrogen-bonding column and a mobile phase consisting of acetonitrile (MeCN) and water without a buffer, Piracetam can be retained, measured, and analyzed. This method can be UV detected at 200 nm with very high resolution

Method Parameters

Mobile Phase	MeCN/H ₂ O -98/2%
Buffer	No
Flow Rate	1.0 ml/min

Detection	UV 200 nm
Class of Compounds	Drug, Racetam
Analyzing Compounds	Piracetam

HPLC Column Used

SHARC 1, 4.6 x 150 mm, 5 µm, 100 Å, dual ended

[Order this column at hplc-shop.de →](https://www.hplc-shop.de)