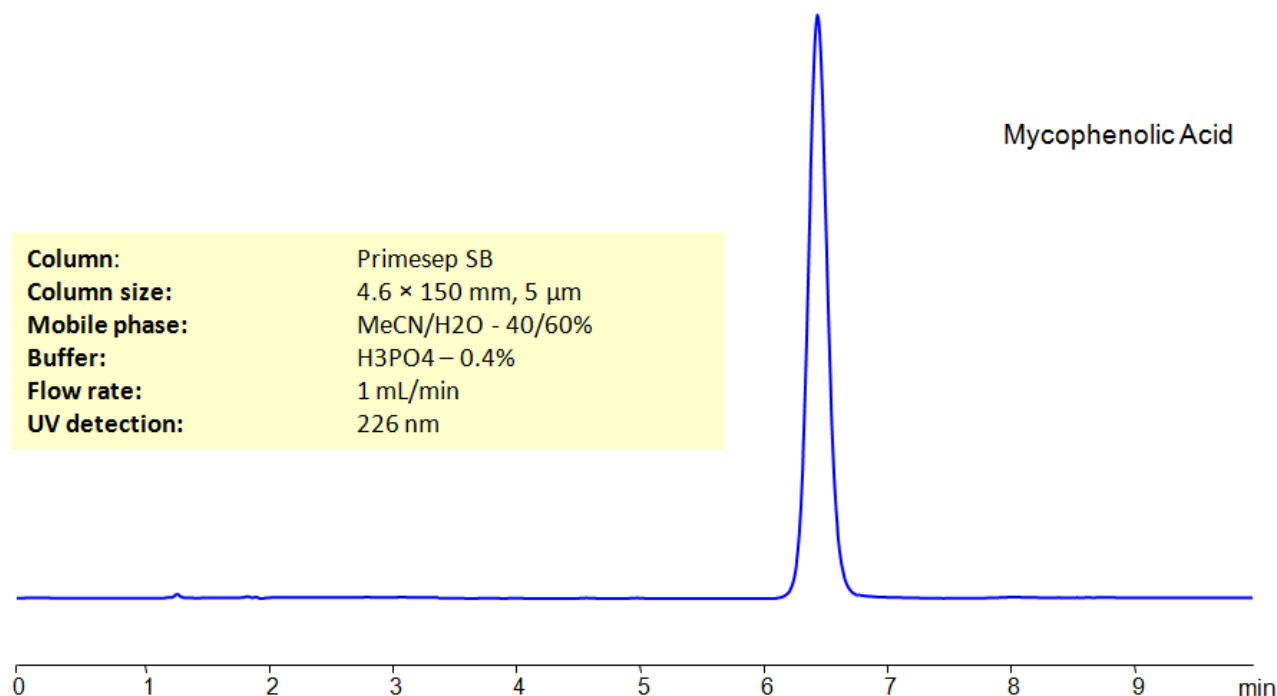


HPLC Determination of Mycophenolic Acid on Primesep SB Column

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

Chromatogram



HPLC Determination of Mycophenolic Acid

Description

· High Performance Liquid Chromatography (HPLC) Method for Analysis of Mycophenolic acid .

Mycophenolic acid alongside other medicines is used as an immunosuppressant to prevent organ rejection after a transplant. The compound can be retained in HPLC using Primesep SB mixed-mode column that has both hydrophobic and anion-exchange properties. The analytical method is isocratic and uses the mobile phase of acetonitrile (ACN) in water with phosphoric acid (H₃PO₄) buffer with UV detection at 226nm.

Method Parameters

Mobile Phase	MeCN/H ₂ O – 40/60%
Buffer	H ₃ PO ₄ - 0.4%
Flow Rate	1.0 ml/min
Detection	UV, 226 nm
Class of Compounds	Drug, Acid, Hydrophobic, Ionizable, Immunosuppressant
Analyzing Compounds	Mycophenolic acid

HPLC Column Used

Primesep SB, 4.6 x 150 mm, 5 µm, 100 Å, dual ended

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