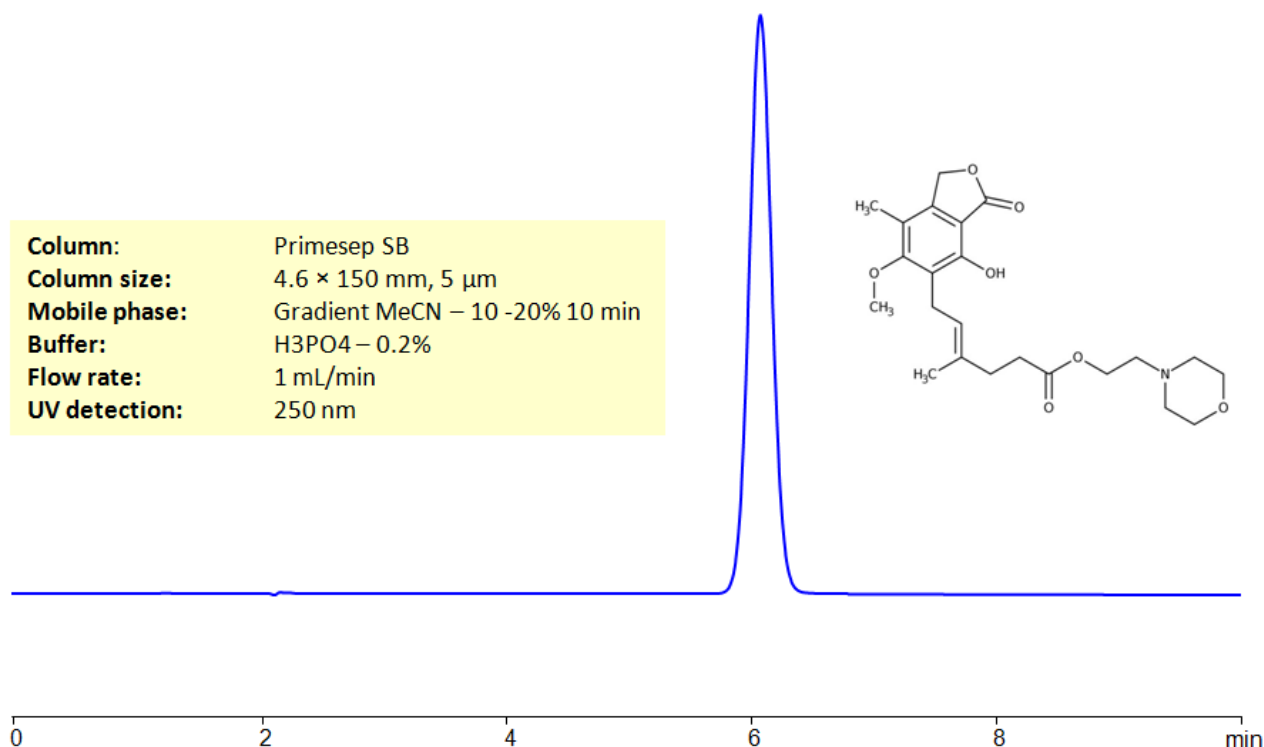


HPLC Determination of Mycophenolate Mofetil on Primesep SB Column

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

Chromatogram



HPLC Determination of Mycophenolate mofetil

Description

· High Performance Liquid Chromatography (HPLC) Method for Analysis of Mycophenolate mofetil .

Mycophenolate mofetil 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's mobile phase consists of a gradient of acetonitrile (ACN) in water with phosphoric acid (H₃PO₄) buffer and using UV detection at 250nm.

Method Parameters

Mobile Phase	Gradient MeCN – 10-20%, 10 min
Buffer	H ₃ PO ₄ – 0.2 %
Flow Rate	1.0 ml/min
Detection	UV, 250 nm
Class of Compounds	Drug, Hydrophobic, Ionizable, Carbocyclic, Benzoate
Analyzing Compounds	Mycophenolate mofetil

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)