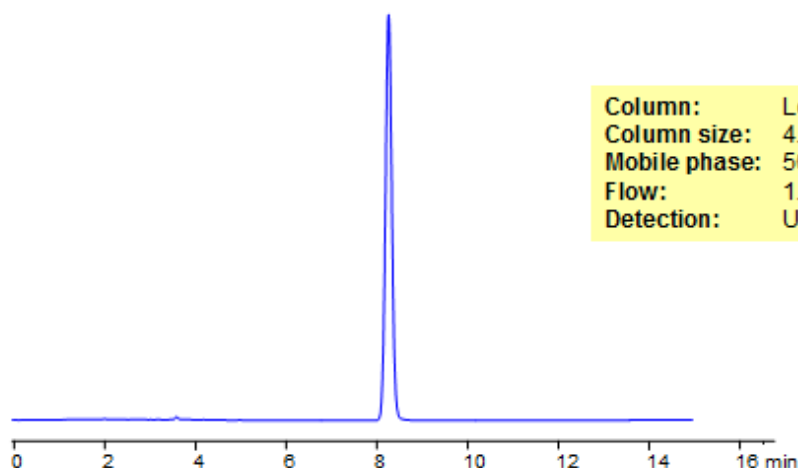


HPLC Analysis of Valsartan

<https://sielc.com/Application-HPLC-Analysis-of-Valsartan>

Chromatogram



Column: Legacy L1
Column size: 4.6 x 250 mm
Mobile phase: 50% MeCN with 20 mM NaH₂PO₄ pH 2.5
Flow: 1.0 mL/min
Detection: UV 254 nm

Description

Valsartan is a drug commonly used to treat high blood pressure and congestive heart failure. Legacy L1 was used to retain valsartan by reverse phase mechanism in this HPLC separation method. Legacy L1 uses embedded C18 groups on porous silica and is useful for many USP HPLC applications. Comparisons to Phenomenex columns are available by request. This simple HPLC method can be used in many pharmaceutical areas. For example, in batch production, impurity profiling, formulation and pharmacokinetics.

Method Parameters

Mobile Phase	MeCN – 50%
Buffer	NaH ₂ PO ₄ pH 2.5 – 20 mM
Flow Rate	1.0 ml/min
Detection	UV, 254 nm
Class of Compounds	Drug, Hydrophilic, Ionizable
Analyzing Compounds	Valsartan

HPLC Column Used

Legacy L1, 4.6×250 mm, 5 µm, 100A

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