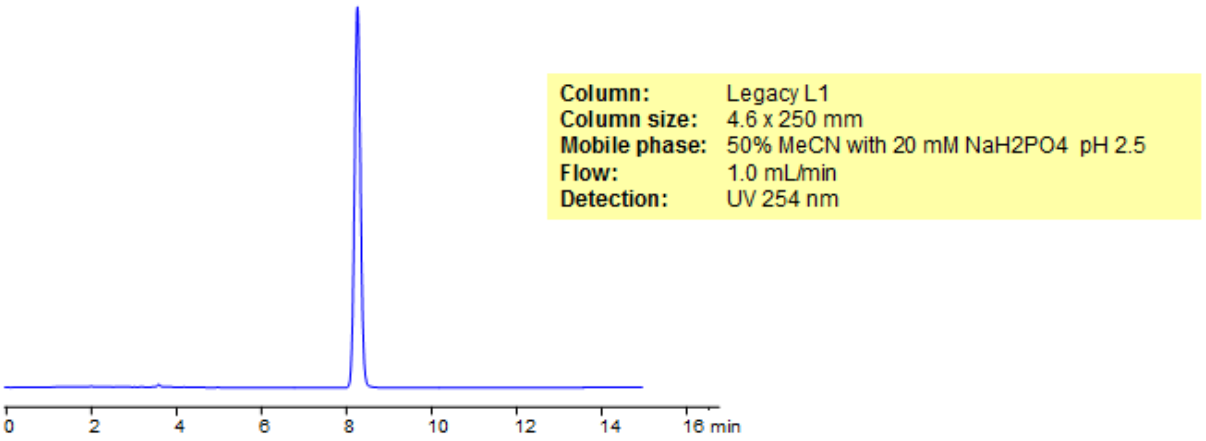
HPLC Analysis of Valsartan



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.

SIELC's family of Legacy columns is based on the United States Pharmacopeia's (USP) published chromatographic methods and procedures. Numerous brands have columns used in USP reference standards and methods. USP has created various designations to group together columns with similar types of packing and properties in the solid phase. SIELC's Legacy columns adhere to these strict requirements and properties, allowing you to easily replace older columns that are no longer available without needing to significantly modify your method or SOPs.

Method Parameters

Column	Legacy L1, 4.6×250 mm, 5 µm, 100 Å
Mobile Phase	MeCN – 50%
Buffer	NaH2PO4pH 2.5 – 20 mM
Flow Rate	1.0 mL/min
Detection	UV, 254 nm

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