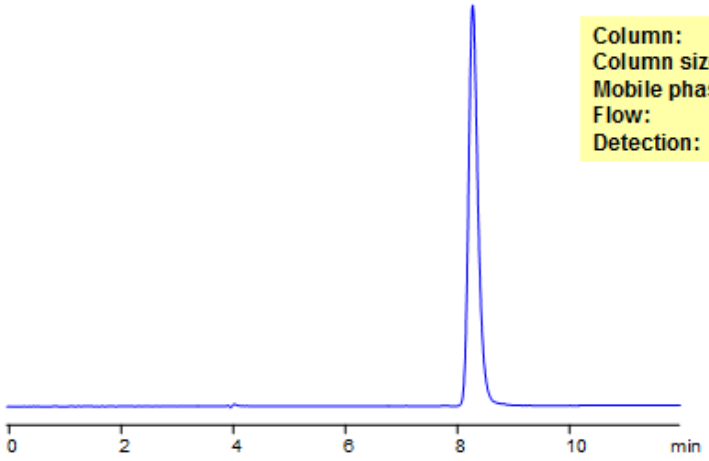
HPLC Analysis of Acyclovir



Column:	Legacy L1
Column size:	4.6 x 250 mm
Mobile phase:	3% MeCN with 10 mM NaH2PO4 pH 2.5
Flow:	1.0 mL/min
Detection:	UV 254 nm

Acyclovir (also spelled aciclover) is an anti-viral drug on the World Health Organization list of essential medicines due to its use in the prevention and treatment of herpes simplex virus, varicella zoster virus and the shingles. Legacy L1 was used to retain aciclovir by reverse phase mechanism. 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.

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

Detection	UV Detection

Quelle: https://sielc.com/Application%20HPLC%20Separation%20of%20Acyclovir

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