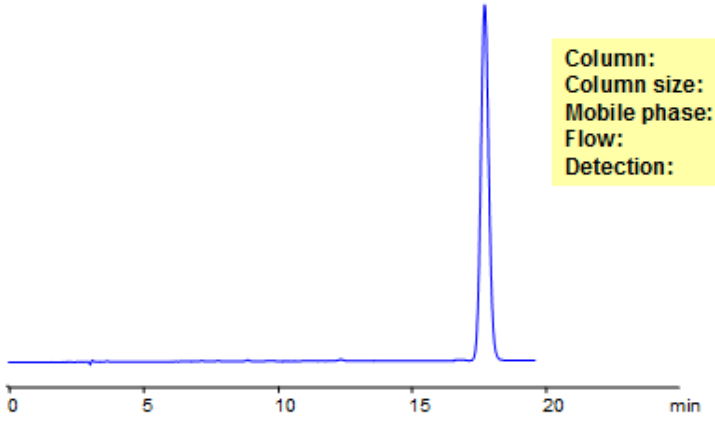
HPLC Ananlysis of Hydrocortisone



Column:	Legacy L1
Column size:	4.6 x 250 mm
Mobile phase:	40% MeCN with 10 mM NaH2PO4 pH 2.5
Flow:	1.0 mL/min
Detection:	UV 210 nm

Hydrocortisone is the drug form of the steroid hormone cortisol. Cortisol is an important biological molecule which affects blood sugar, metabolism and the immune system. It was retained on the reverse-phase column Legacy L1. Comparisons of Legacy L1 and 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

Column	Legacy L1, 4.6×250 mm, 5 µm, 100 Å
Mobile Phase	MeCN – 40%
Buffer	NaH2PO4pH 2.5 – 10 mM
Flow Rate	1.0 mL/min
Detection	UV, 210 nm

Quelle: https://sielc.com/Application%20HPLC%20Analysis%20of%20Hydrocortisone