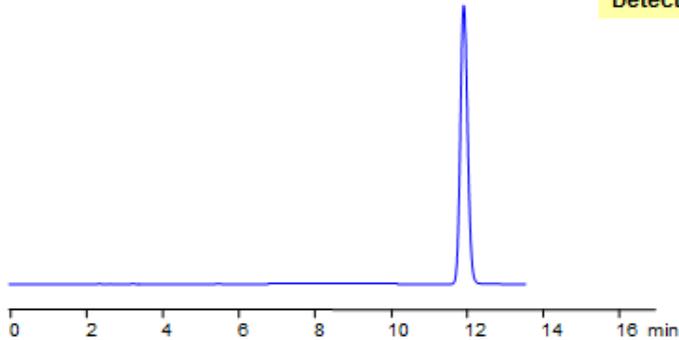


HPLC Analysis of Propylparaben

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



Propyl 4-hydroxybenzoate or propylparaben is a very useful compound in cosmetics and often used as a preservative in lotions and creams. The reverse-phase column Legacy L1 was used to retain propyl 4-hydroxybenzoate. Comparisons to Phenomenex columns are available upon 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, 4.6x250 mm, 5 µm, 100 Å
Mobile Phase	MeCN – 430%
Buffer	NaH ₂ PO ₄ pH 2.5 – 10 mM
Flow Rate	1.0 mL/min
Detection	UV, 210 nm

Quelle: <https://sielc.com/Application%20HPLC%20Analysis%20of%20Propyl%204-Hydroxybenzoate>