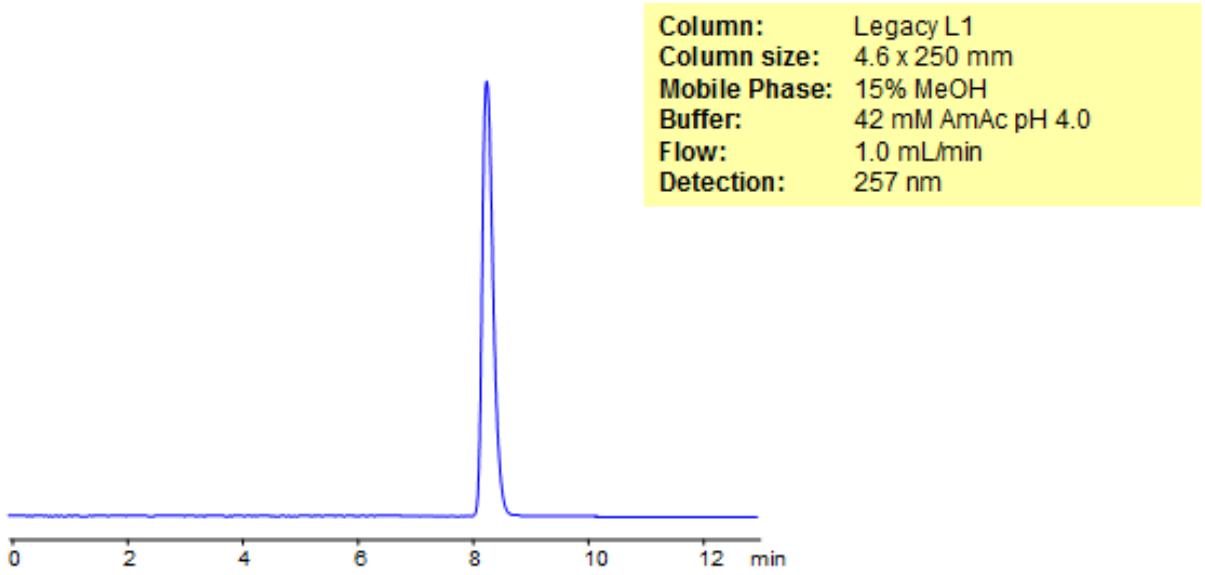
HPLC Analysis of Paracetamol



Paracetamol (also known as acetaminophen) is a mild analgesic commonly used for relief from headaches and used in many cold and flu medicines. Legacy L1 was used to retain Paracetamol 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

Column	Legacy L1, 4.6×250 mm, 5 µm, 100 Å
Mobile Phase	MeOH – 15%
Buffer	AmAc pH 4.0- 42 mM
Flow Rate	1.0 mL/min
Detection	UV, 257 nm

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