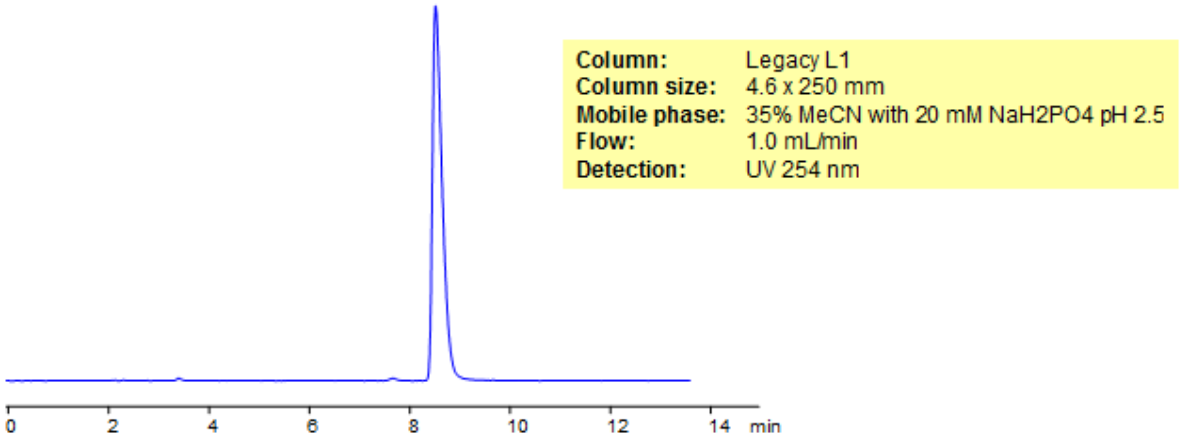
HPLC Analysis of Promethazine



Promethazine is a drug used as an antihistamine, a sedative, and used to reduce motion sickness, and prescribed for insomnia. The reverse-phase column Legacy L1 was used to retain promethazine. comparisons between Legacy L1 and 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, 4.6×250 mm, 5 µm, 100 Å
Mobile Phase	MeCN – 35%
Buffer	NaH2PO4pH 2.5 – 20 mM
Flow Rate	1.0 mL/min
Detection	UV, 254 nm

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