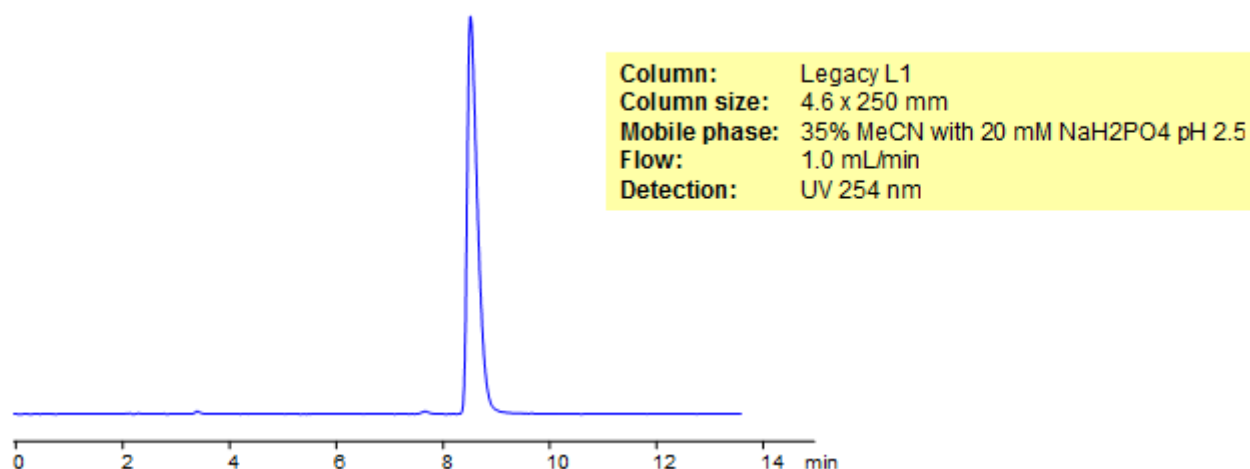


HPLC Analysis of Promethazine

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

Chromatogram



Description

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.

Method Parameters

Mobile Phase	MeCN – 35%
Buffer	NaH ₂ PO ₄ pH 2.5 – 20 mM
Flow Rate	1.0 ml/min
Detection	UV, 254 nm
Class of Compounds	Drug, Hydrophobic, Ionizable
Analyzing Compounds	Promethazine

HPLC Column Used

Legacy L1, 4.6×250 mm, 5 µm, 100A

[Order this column at hplc-shop.de →](#)