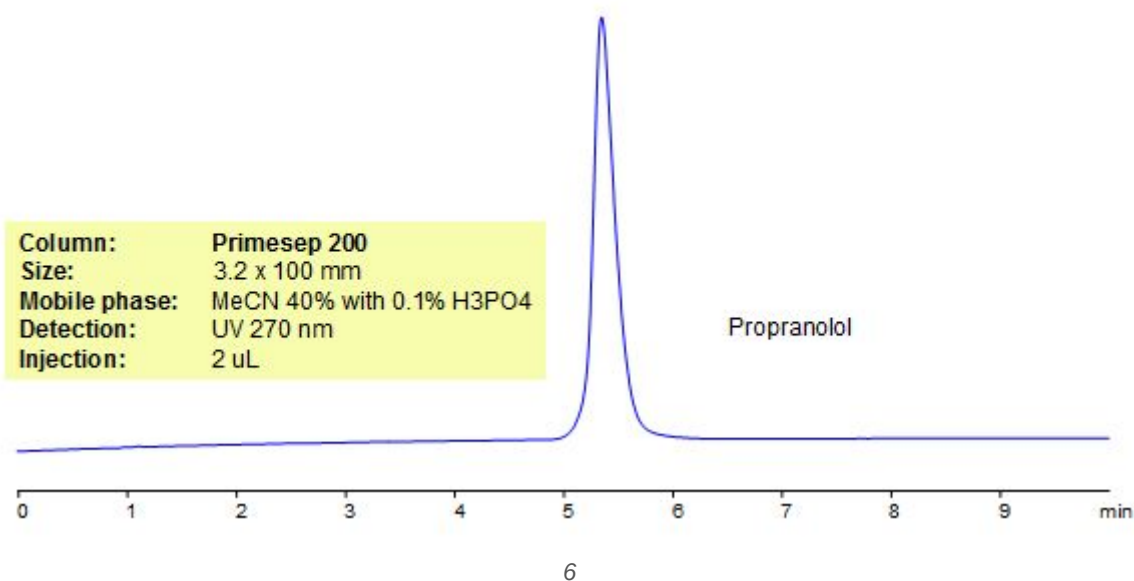


HPLC Method for Analysis of Propranolol

<https://sielc.com/HPLC-Method-Analysis-Propranolol>

Chromatogram



Description

Propranolol is a synthetic, non-cardioselective beta-adrenergic antagonist that is used for the therapy of hypertension, cardiac arrhythmias, angina pectoris, hyperthyroidism, as well as after a heart attack to improve the chance of survival. Dizziness, lightheadedness, or tiredness may occur after the intake of the medication. Primesep 200, a reverse phase column, contains embedded acidic ionizable groups and can retain Propranolol. The method is UV compatible and can be used as a general approach for analyzing similar compounds.

Method Parameters

Mobile Phase	MeCN – 40%
Buffer	H ₃ PO ₄ – 0.1%,
Flow Rate	0.5 ml/min
Detection	UV, 270 nm
Class of Compounds	Drug, Acid, Hydrophilic, Ionizable, Supplements
Analyzing Compounds	Propranolol

HPLC Column Used

Primesep 200, 3.2×100 mm, 5 µm, 100A

[Order this column at hplc-shop.de →](https://hplc-shop.de)