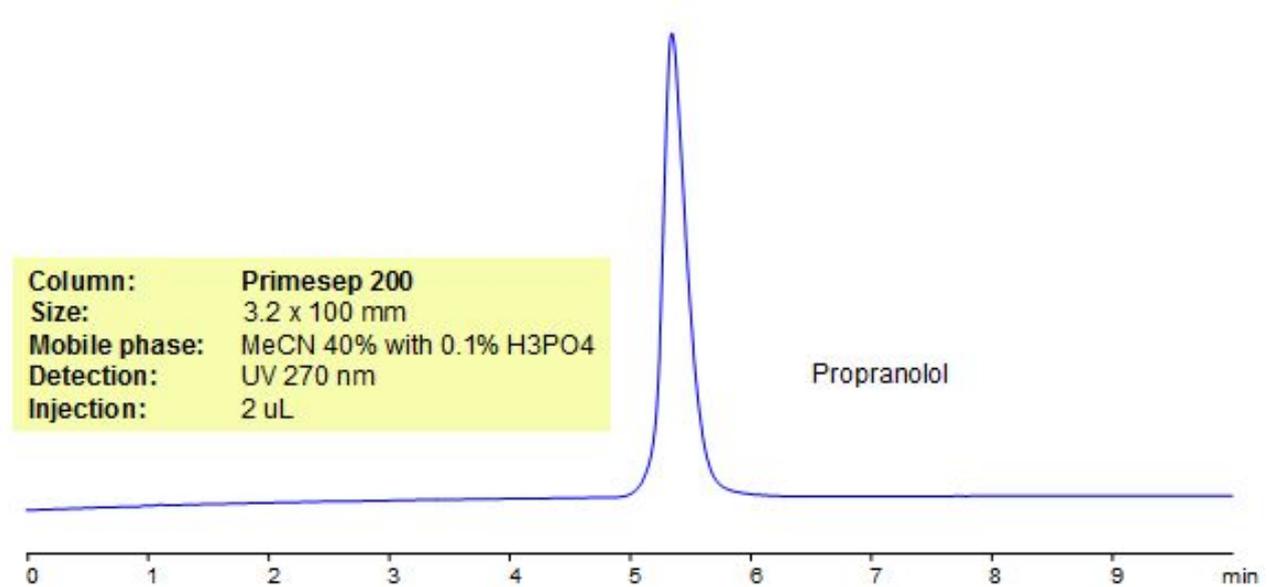


## HPLC Method for Analysis of Propranolol



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

<b>Column</b>	Primesep 200, 3.2x100 mm, 5 µm, 100 Å
<b>Mobile Phase</b>	MeCN – 40%
<b>Buffer</b>	H <sub>3</sub> PO <sub>4</sub> – 0.1%,
<b>Flow Rate</b>	0.5 mL/min
<b>Detection</b>	UV, 270 nm

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