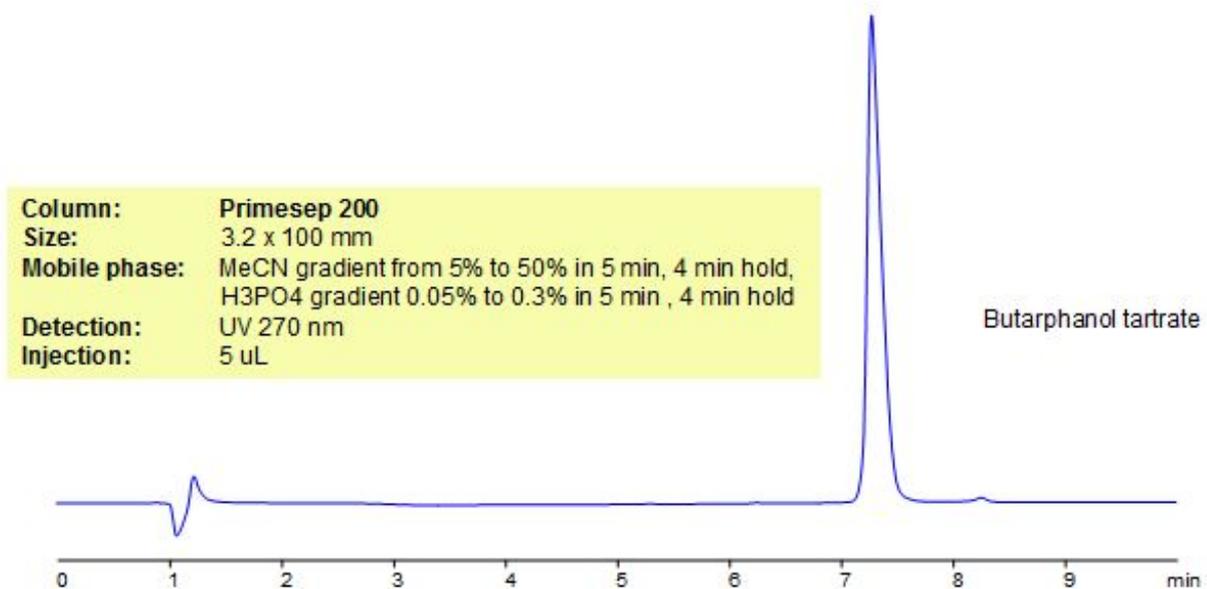


HPLC Method for Analysis of Butorphanol



Butorphanol is a synthetic morphinan analgesic. It has narcotic antagonist action and is used to manage severe pain and migraines as a supplement for balanced general anesthesia. Primesep 200, a reverse phase column, contains embedded acidic ionizable groups and can retain Butorphanol. The method is UV compatible and can be used as a general approach for analyzing similar compounds.

Method Parameters

Column	Primesep 200, 3.2x100 mm, 5 µm, 100 Å
Mobile Phase	Gradient MeCN – 5-50%
Buffer	Gradient H ₃ PO ₄ – 0.05-0.3%, 5 min, 4 min hold
Flow Rate	0.5 mL/min
Detection	UV, 270 nm

Quelle: <https://sielc.com/HPLC-Method-Analysis-%20Butorphanol>