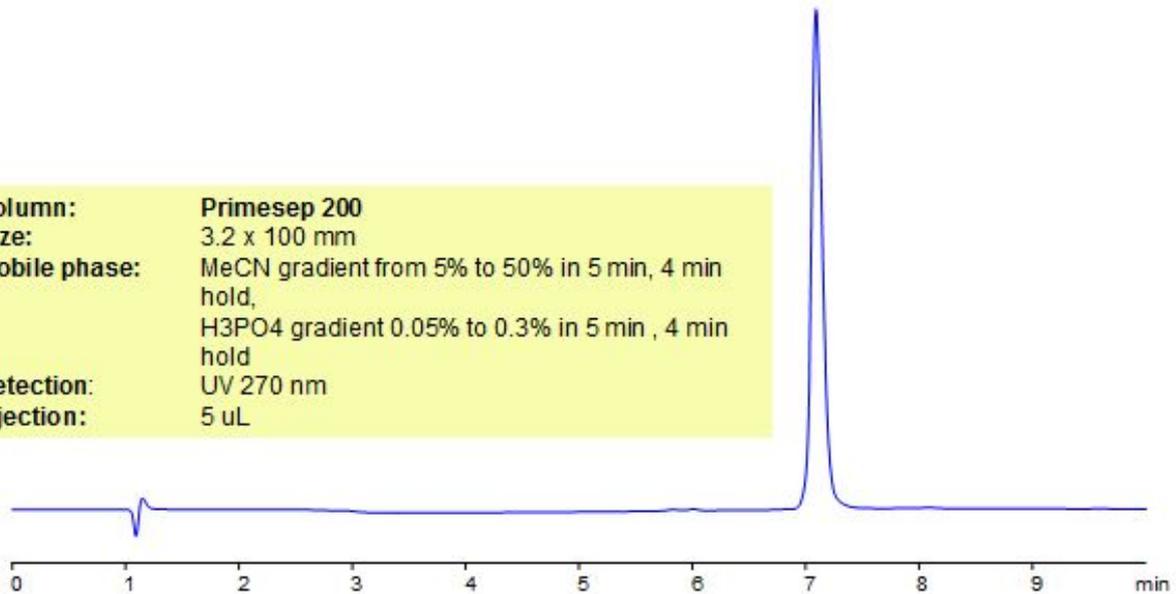


HPLC Method for Analysis of Bupropion

Column: Primesep 200
Size: 3.2 x 100 mm
Mobile phase: MeCN gradient from 5% to 50% in 5 min, 4 min hold,
H₃PO₄ gradient 0.05% to 0.3% in 5 min , 4 min hold
Detection: UV 270 nm
Injection: 5 uL



Bupropion is monocyclic, aminoketone antidepressant because it is a weak blocker of the neuronal uptake of serotonin and norepinephrine. There side effects to this drug, and those include: stomach pain, dizziness, muscle pain, agitation, insomnia, etc. Primesep 200, a reverse phase column, contains embedded acidic ionizable groups and can retain Valsartan. The method is UV compatible and can be used as a general approach for analyzing similar compounds.

Method Parameters

Detection	UV Detection
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Quelle: <https://sielc.com/HPLC-Method-Analysis-%20Bupropion>