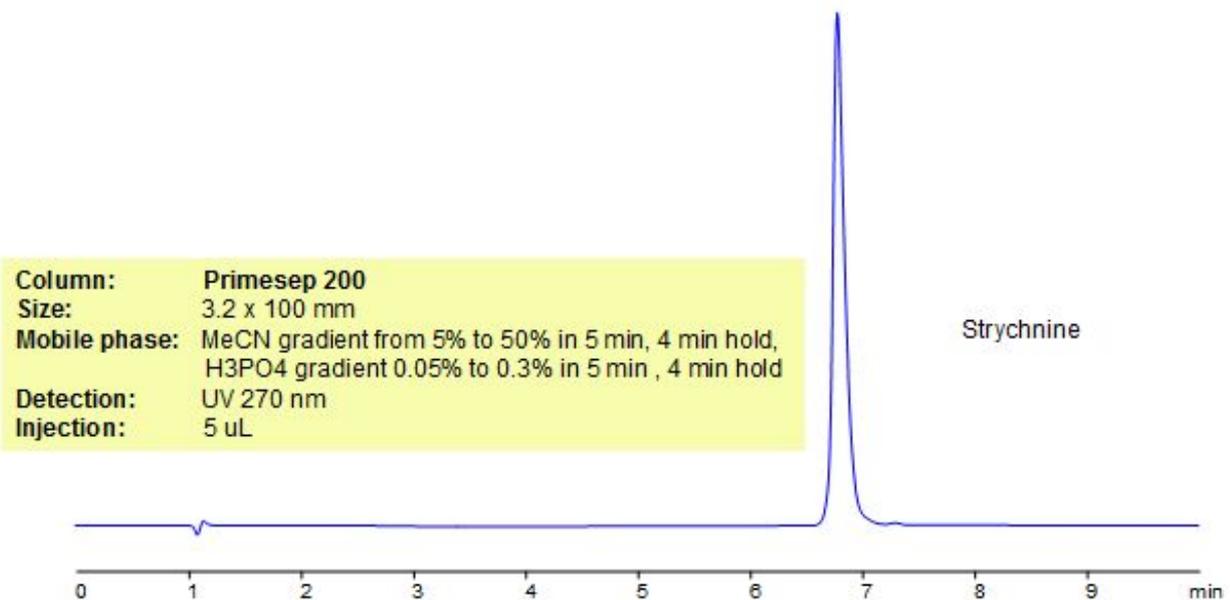


## HPLC Method for Analysis of Strychnine



Strychnine are colorless to white crystals used as a rodenticide and pesticide . It can kill small vertebrates such as birds and rodents. The chemical is toxic if swallowed, or absorbed through the eyes or mouth . It also produces toxic oxides of nitrogen if combusted. Primesep 200, a reverse phase column , contains embedded acidic ionizable groups and can retain Strychnine. 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>	Gradient MeCN – 5-50%
<b>Buffer</b>	Gradient H3PO4 – 0.05-0.3%, 5 min, 4 min hold
<b>Flow Rate</b>	0.5 mL/min
<b>Detection</b>	UV, 270 nm

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