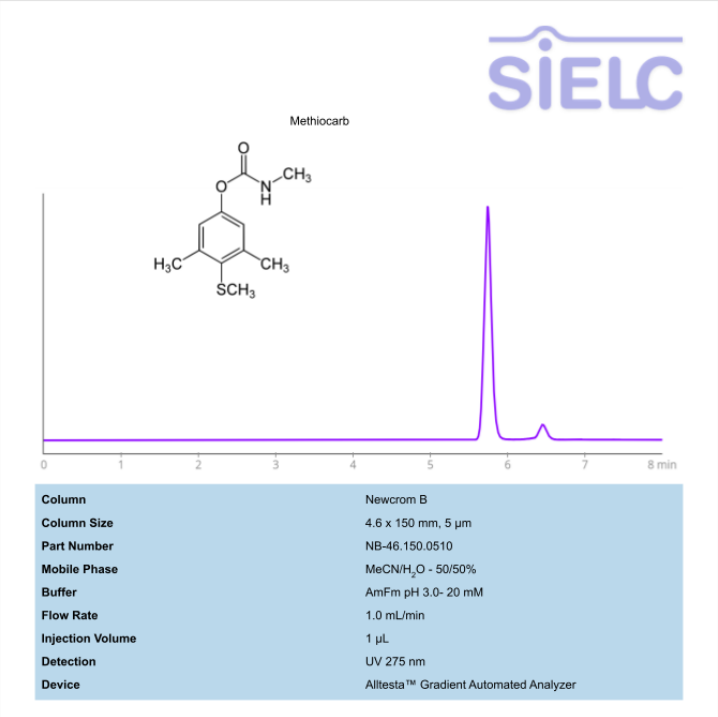
## HPLC Method for Analysis of Methiocarb on Newcrom B Column on Alltesta™




High Performance Liquid Chromatography (HPLC) Method for Analysis of Methiocarb

Methiocarb is a carbamate pesticide with the chemical formula C11H15NO2S . It works as a acetylcholinesterase inhibitor. It has been in use as an insecticide, bird repellent, acaricide, and molluscicide since 1960s.

Methiocarb can be retained and analyzed using the Newcrom B stationary phase column. The analysis utilizes an isocratic method with a simple mobile phase consisting of water and acetonitrile (MeCN) with ammonium formate as a buffer. Detection is performed using UV.

### Method Parameters

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|---|---|
| **Column** | Newcrom B, 4.6 x 150 mm, 5 µm, 100 Å, dual ended |
| **Mobile Phase** | MeCN – 50% |
| **Buffer** | Ammonium Formate |
| **Flow Rate** | 1.0 mL/min |
| **Detection** | UV 275 nm |

Quelle: https://sielc.com/hplc-method-for-analysis-of-methiocarb

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