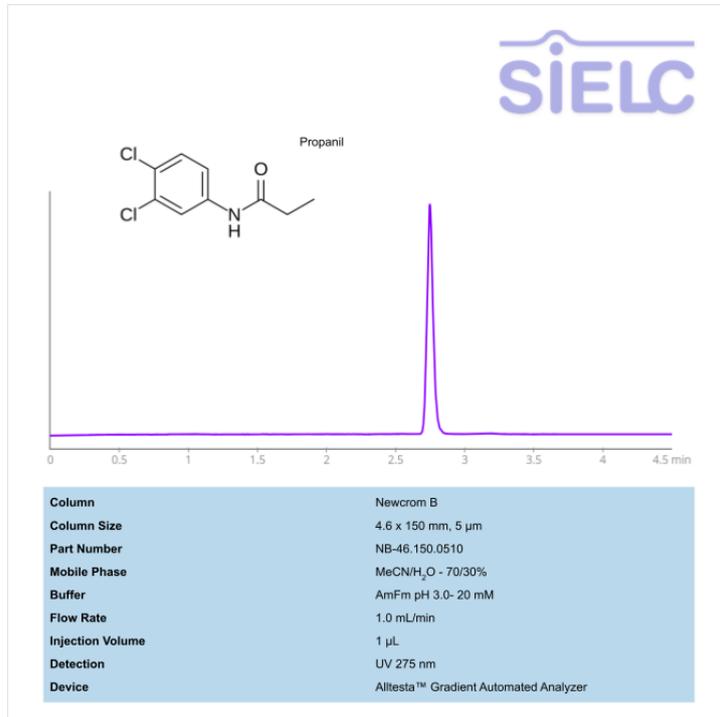


## HPLC Method for Analysis of Propanil on Newcrom B Column on Alltesta™



### High Performance Liquid Chromatography (HPLC) Method for Analysis of Propanil

Propanil is a contact herbicide with the chemical formula C<sub>9</sub>H<sub>9</sub>Cl<sub>2</sub>NO . It is one of the most widely used herbicides in America. It works as an inhibitor of photosynthesis and CO<sub>2</sub> fixation in weeds.

Propanil 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

Column	Newcrom B, 4.6 x 150 mm, 5 µm, 100 Å, dual ended
Mobile Phase	MeCN – 70%
Buffer	Ammonium Formate
Flow Rate	1.0 mL/min
Detection	UV 275 nm

Quelle: <https://sielc.com/hplc-method-for-analysis-of-propanil>