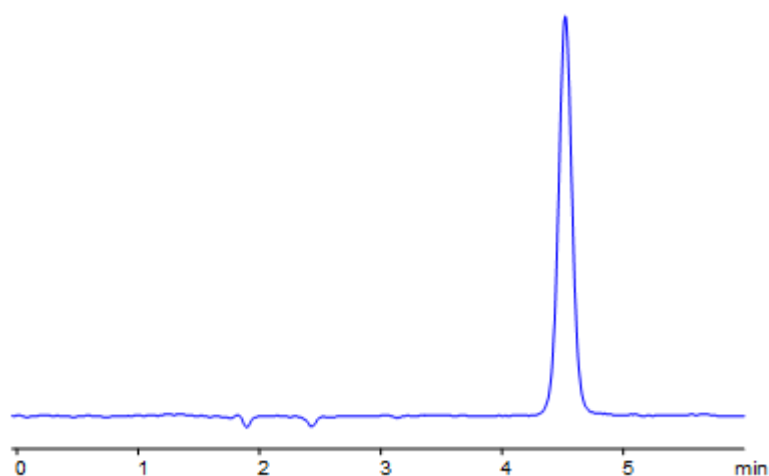


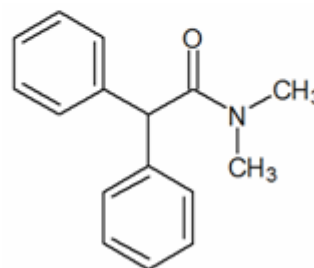
# HPLC Analysis of Diphenamid

<https://sielc.com/Application%20HPLC%20Analysis%20of%20Diphenamid>

## Chromatogram



**Column:** Obelisc R  
**Dimensions:** 150 x 4.6mm  
**Mobile Phase:** 40% MeCN  
**Buffer:** 20mM AmFm pH 3.0  
**Flow:** 1.0 ml/min  
**Detection:** UV 250 nm



## Description

Obelisc R was used to retain diphenamid and separate it from impurities. Obelisc R contains embedded ionic and hydrophobic groups which can assist in fine tuning separations. Method is LC/MS compatible and can be used as a general approach for analyzing diphenamid.

## Method Parameters

|                     |                                                           |
|---------------------|-----------------------------------------------------------|
| Mobile Phase        | MeCN – 40%                                                |
| Buffer              | AmFm pH 3.0- 20 mM                                        |
| Flow Rate           | 1.0 ml/min                                                |
| Detection           | UV, 250 nm                                                |
| Class of Compounds  | Insecticide, Herbicide, Fungicide, Hydrophobic, Ionizable |
| Analyzing Compounds | Diphenamid                                                |

## HPLC Column Used

**Obelisc R, 4.6×150 mm, 5 µm, 100A**

[Order this column at hplc-shop.de →](#)