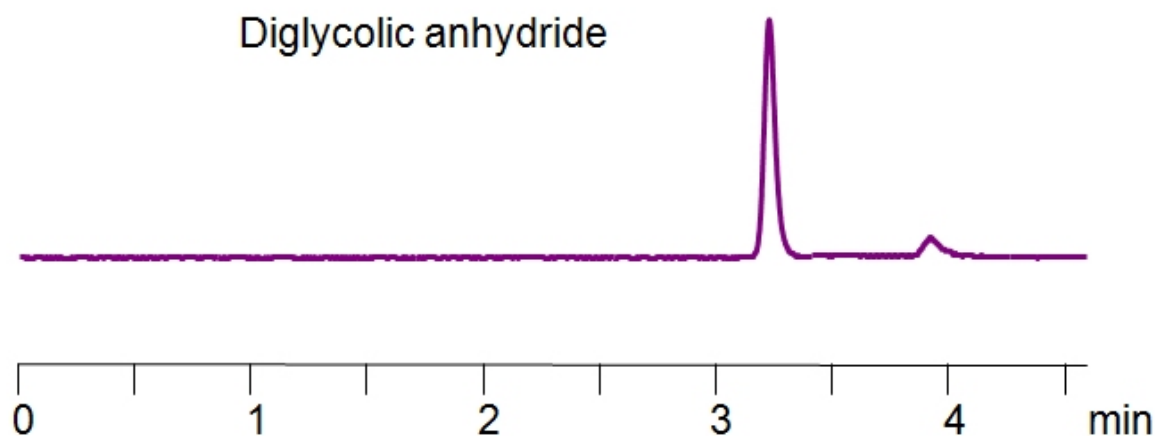


# HPLC Method For Analysis Of Diglycolic Anhydride on Primesep S2 Column

<https://sielc.com/hplc-method-for-analysis-of-diglycolic-anhydride>

## Chromatogram



|                            |                         |
|----------------------------|-------------------------|
| <b>Column:</b>             | Primesep S2             |
| <b>Column size:</b>        | 4.6 × 250 mm, 5 µm 100A |
| <b>Column part number:</b> | S2-46.250.0510          |
| <b>Mobile phase:</b>       | MeCN -100%              |
| <b>Buffer:</b>             | None                    |
| <b>Flow rate:</b>          | 1.0 mL/min              |
| <b>Detection:</b>          | UV 210 nm               |

## Description

· High Performance Liquid Chromatography (HPLC) Method for Analysis of Diglycolic Anhydride .

Diglycolic Anhydride is an compound with the chemical formula  $C_4H_4O_4$  . It is used in synthesis of poly(ester-ether), poly(amide-ether), as well as as a starting material for production of bicyclic heterocyclic structures.

Diglycolic Anhydride can be retained and analyzed using the Primesep S2 stationary phase column. The analysis utilizes an isocratic method with a simple mobile phase consisting of acetonitrile (MeCN). Detection is performed using UV.

## Method Parameters

|                     |            |
|---------------------|------------|
| <b>Mobile Phase</b> | MeCN- 100% |
| <b>Buffer</b>       | No         |
| <b>Flow Rate</b>    | 1.0 ml/min |

|                     |                      |
|---------------------|----------------------|
| Detection           | UV 210 nm            |
| Class of Compounds  | Anhydride            |
| Analyzing Compounds | Diglycolic Anhydride |

#### HPLC Column Used

**Primesep S2, 4.6×250 mm, 5 µm, 100A**

[Order this column at hplc-shop.de →](https://www.hplc-shop.de)