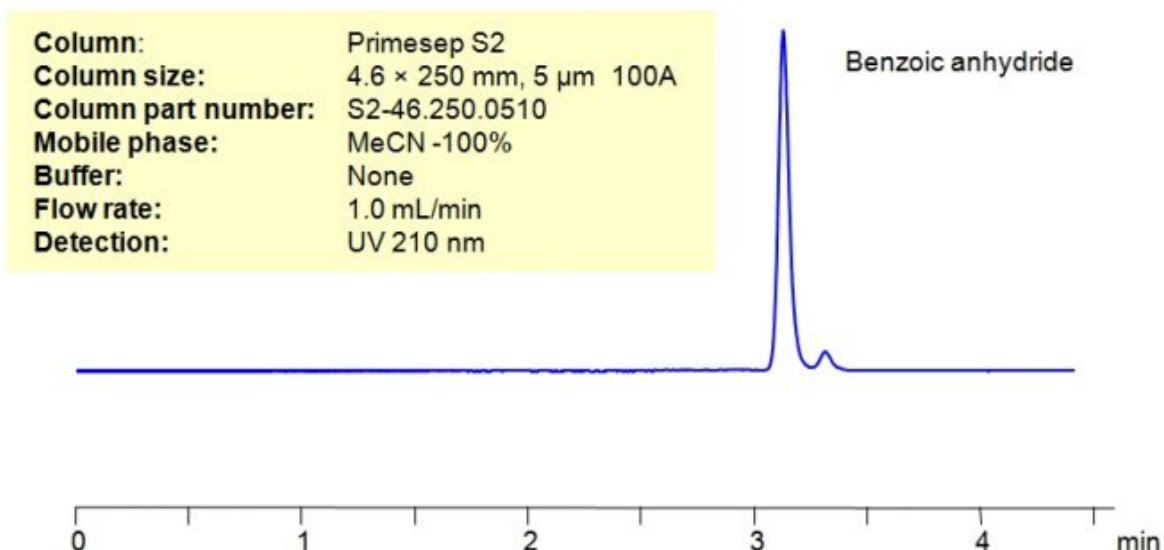


HPLC Method For Analysis Of Benzoic Anhydride on Primesep S2 Column

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

Chromatogram



Description

· High Performance Liquid Chromatography (HPLC) Method for Analysis of Benzoic anhydride .

Benzoic Anhydride is the more active analogue of benzoic acid formed via dehydration. It has the chemical formula $C_{14}H_{10}O_3$. Benzoic anhydride is used as a benzoylating agent in the manufacture of pharmaceuticals, intermediates and dyes. It is considered the simplest symmetrical aromatic acid anhydride. You can find detailed UV spectra of Benzoic anhydride and information about its various lambda maxima by visiting the following link.

Benzoic 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

Mobile Phase	MeCN- 100%
Buffer	No
Flow Rate	1.0 ml/min
Detection	UV 210 nm
Class of Compounds	Anhydride
Analyzing Compounds	Benzoic anhydride

HPLC Column Used

Primesep S2, 4.6 x 250 mm, 5 µm, 100 Å, dual ended

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