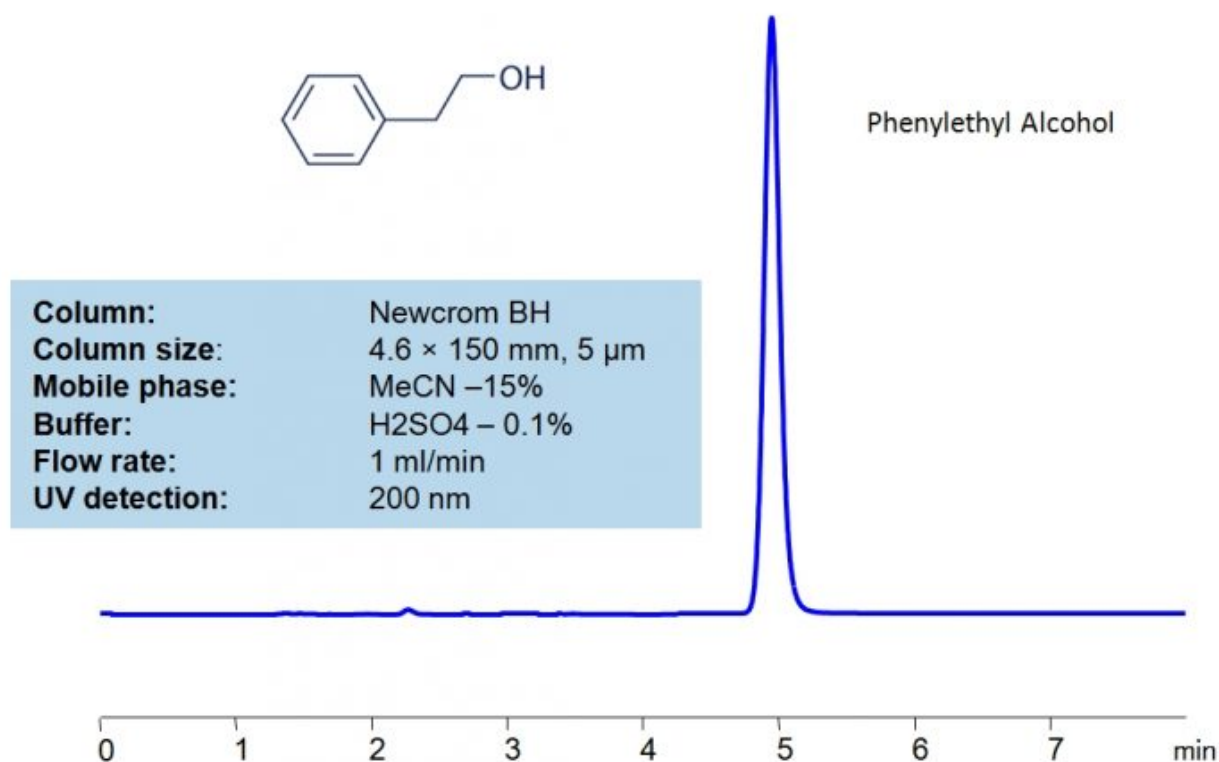


HPLC Determination of Phenethyl alcohol on Newcrom BH Column

<https://sielc.com/hplc-determination-of-phenethyl-alcohol>

Chromatogram



Description

· High Performance Liquid Chromatography (HPLC) Method for Analysis of Phenethyl alcohol .

Phenethyl alcohol is used in a variety of essential oils and soaps for its pleasant odor and antibiotic properties.

It can be retained on HPLC mixed-mode Newcrom BH column using a mobile phase consisting of acetonitrile (ACN) and water with sulfuric acid (H₂SO₄) buffer. UV detection at 200nm.

Method Parameters

Mobile Phase	MeCN – 15%
Buffer	H ₂ SO ₄ – 0.1%
Flow Rate	1.0 ml/min
Detection	UV 200nm
Class of Compounds	Hydrophobic
Analyzing Compounds	Phenethyl alcohol

HPLC Column Used

Newcrom BH, 4.6 x 150 mm, 5 µm, 100 A, dual ended

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