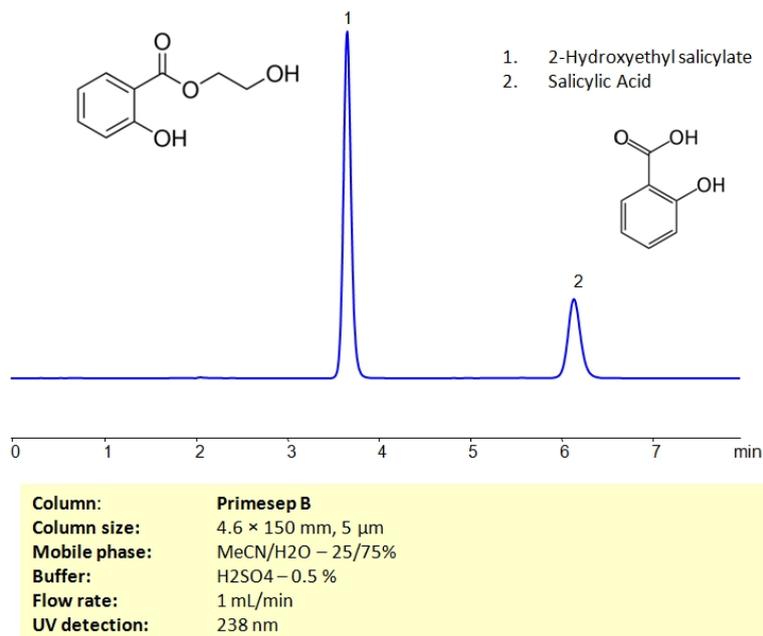


HPLC Separation of Mixture of 2-Hydroxyethyl Salicylate and Salicylic Acid on Primesep B Column



High Performance Liquid Chromatography (HPLC) Method for Analysis of 2-Hydroxyethyl salicylate , Salicylic acid

2-Hydroxyethyl salicylate is a drug used as analgesic agents for the treatment of mild to moderate pain.

2-Hydroxyethyl salicylate , Salicylic acid can be retained and analyzed using the Primesep B stationary phase column. The analysis utilizes an isocratic method with a simple mobile phase consisting of water and acetonitrile (MeCN) with a sulfuric acid buffer. Detection is performed using UV.

Method Parameters

Column	Primesep B
Mobile Phase	MeCN/H ₂ O – 25/75%
Buffer	H ₂ SO ₄ – 0.5%
Flow Rate	1.0 mL/min
Detection	UV, 238 nm

Quelle: <https://sielc.com/hplc-separation-of-mixture-of-2-hydroxyethyl-salicylate-and-salicylic-acid>