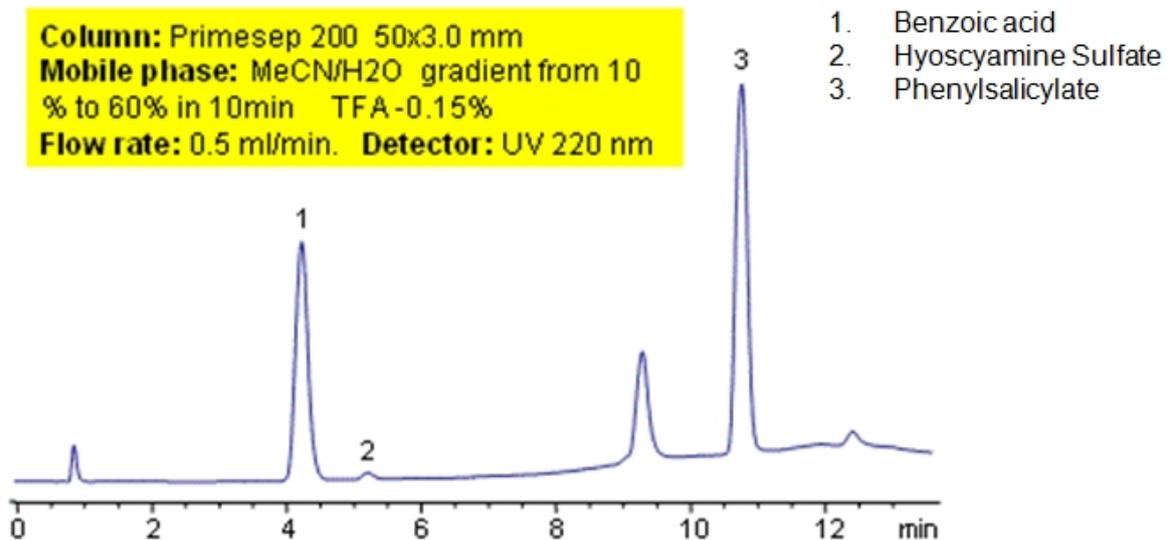


HPLC Separation of Active Compounds in Drug Formulation



An HPLC method for the separation of active drug compounds on a Primesep 200 column. The retention of compounds is achieved through reverse-phase, cation exchange and hydrophobic interactions. Benzoic acid, hyoscyamine sulfate and phenyl salicylate are baseline separated using simple mobile phases of water, acetonitrile (MeCN, ACN) and trifluoroacetic acid (TFA) with a UV detector.

Method Parameters

Column	Primesep 200, 3.0x50 mm, 5 µm, 100 Å
Mobile Phase	MeCN/H ₂ O
Buffer	TFA
Flow Rate	1.0 mL/min
Detection	UV, 220 nm

Quelle: <https://sielc.com/Application-HPLC-Separation-of-Active-Compounds-in-Drug-Formulation>