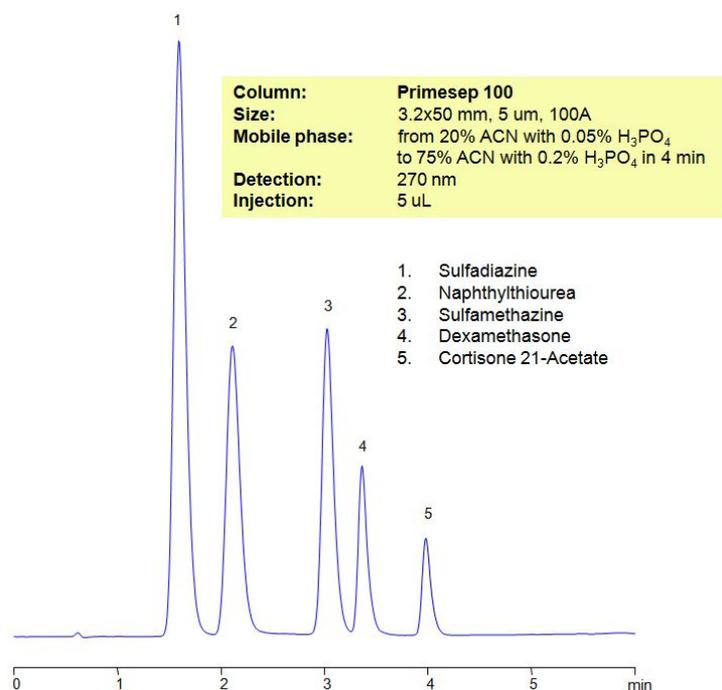


HPLC Method for Analysis of Sulfadiazine, Naphthylthiourea, Sulfamethazine, Dexamethasone, Cortisone 21-Acetate



Sulfadiazine is an antibiotic used to prevent rheumatic fever, chancroid, chlamydia and infections by Haemophilus influenzae. There are side effects to the use of the drug which include, but not limited to: nausea, headache, rash, depression.

Method Parameters

Column	Primesep 100, 3.2x50 mm, 5 µm, 100 Å
Mobile Phase	Gradient MeCN – 20-75%, 4 min
Buffer	Gradient H ₃ PO ₄ – 0.05-0.2%, 4 min
Flow Rate	0.5 mL/min
Detection	UV, 270 nm

Quelle: <https://sielc.com/hplc-method-for-analysis-of-sulfadiazine-naphthylthiourea-sulfamethazine-dexamethasone-cortisone-21-acetate>