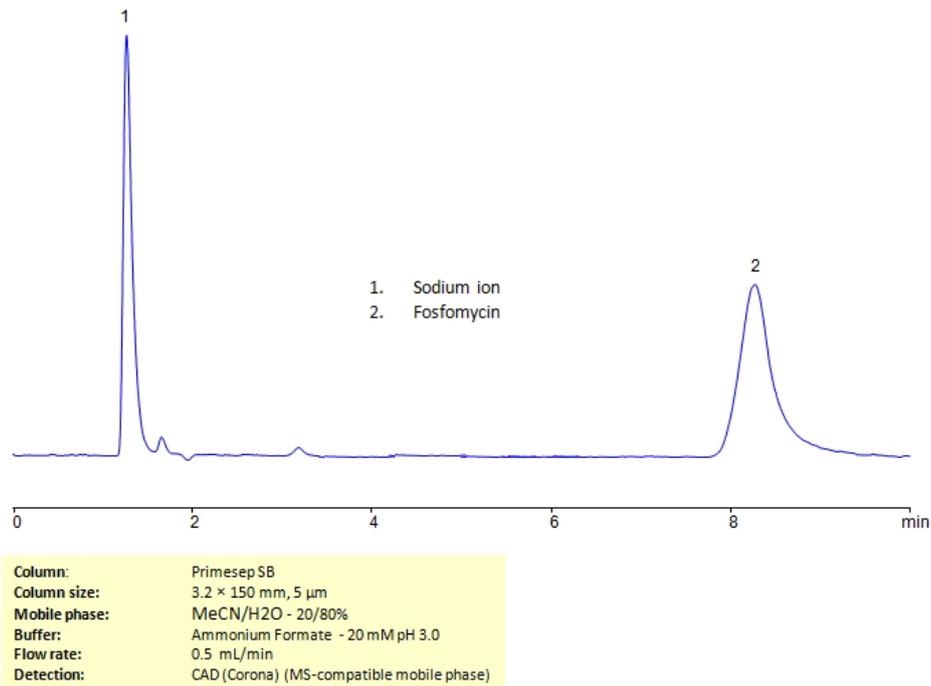


HPLC Determination of Fosfomycin on Primesep SB Column



Fosfomycin is a broad-spectrum antibiotic consisting of an epoxide ring and a phosphite group. It can be retained on a Primesep SB column in about 8 minutes using an isocratic MS-compatible mobile phase method. Primesep SB is a reverse-phase (RP) mixed-mode column with embedded strong basic ion-pairing groups.

Method Parameters

Column	Primesep SB
Mobile Phase	MeCN/H ₂ O – 20/80%
Buffer	AmFm pH 3.0- 20 mM
Flow Rate	0.5 mL/min
Detection	CAD (Corona) MS- compatible mobile phase

Quelle: <https://sielc.com/hplc-determination-of-fosfomycin>