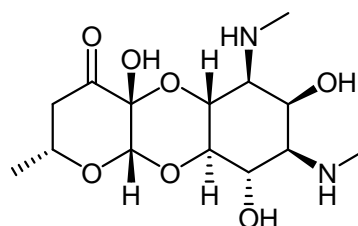


スペクチノマイシン

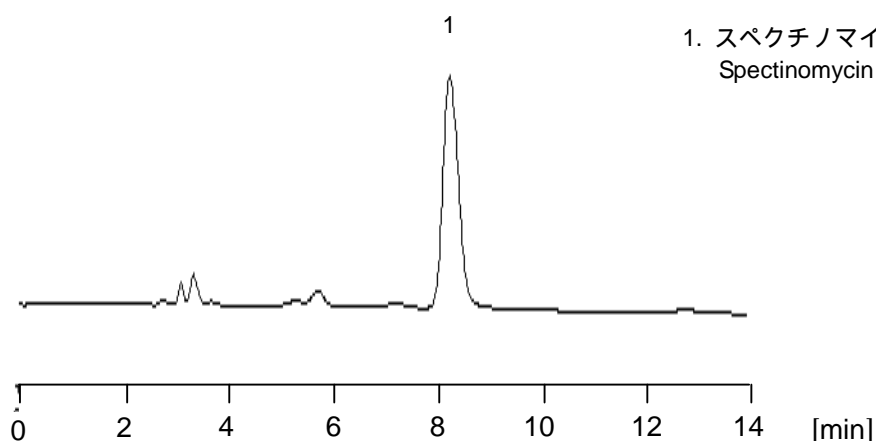
Spectinomycin

本例はアミノグリコシド系抗生物質であるスペクチノマイシンをEPの手法に従いパルス式電気化学検出器で検出したものです。

Spectinomycin, one of the aminoglycoside antibiotics, was analyzed according to the method described in the European Pharmacopoeia, using a pulsed amperometric detector (PAD).



1. スペクチノマイシン (300 $\mu\text{g}/\text{mL}$)
Spectinomycin (M.W. 332.4)



[HPLC Conditions]

Column	: CAPCELL PAK C ₁₈ AQ S3 ; 3.0 mm i.d. x 100 mm
Mobile phase	: 0.1 vol% TFA
Flow rate	: 200 $\mu\text{L}/\text{min}$
Reagent	: 1 mol/L NaOH
Flow rate of reagent	: 200 $\mu\text{L}/\text{min}$
Temperature	: 35 °C
Detection	: Pulsed amperometric detector (PAD)
Inj. vol.	: 1 μL
Sample dissolved in	: H ₂ O
	1 $\mu\text{g}/\text{mL}$ = 1 ppm