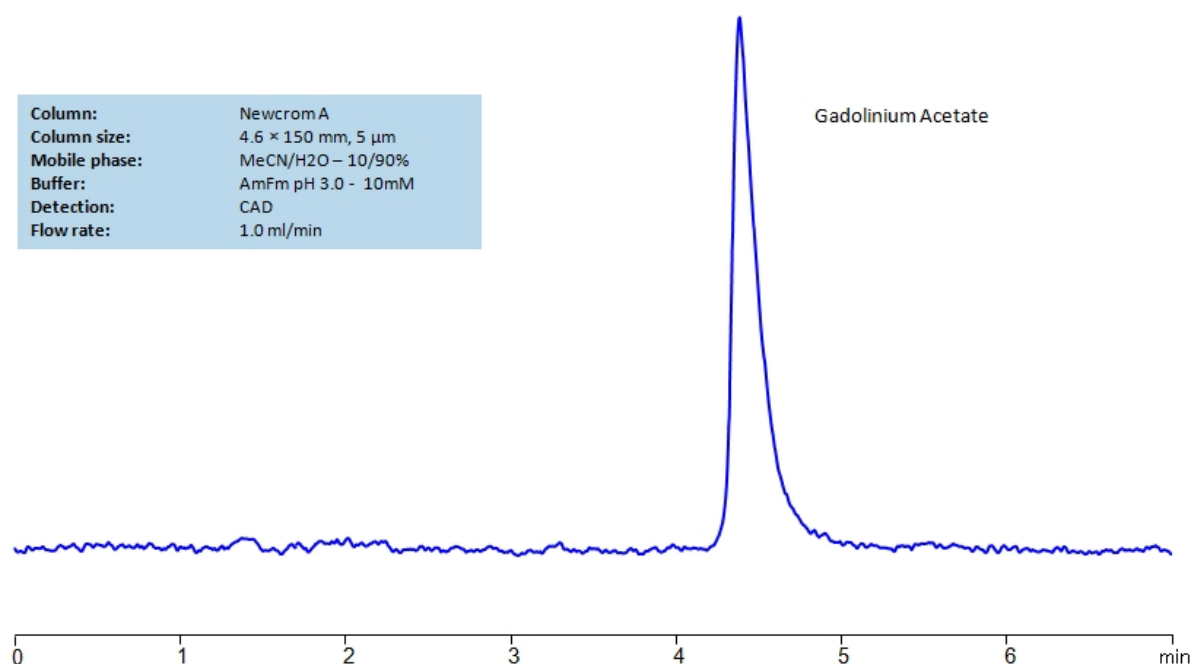


HPLC Determination of Gadolinium Acetate on Newcrom A Column

<https://sielc.com/hplc-determination-of-gadolinium-acetate>

Chromatogram



HPLC Determination of Gadolinium Acetate on Newcrom A Column_1230

Description

· High Performance Liquid Chromatography (HPLC) Method for Analysis of Gadolinium acetate .

Gadolinium Acetate is an acetate salt with the chemical formula $\text{Gd}(\text{CH}_3\text{COO})_3$. It is a crystalline compound that is used as a key precursor for gadolinium-based materials, fabrication of MRI contrast agents, luminescent materials, perovskite solar cells, and thin-film coating.

Method Parameters

Mobile Phase	MeCN/H ₂ O – 10/90%
Buffer	AmFm pH 3.0- 10 mM
Flow Rate	1.0 ml/min
Detection	CAD (Corona) MS- compatible mobile phase
Class of Compounds	Hydrophilic, Metal, Ion
Analyzing Compounds	Gadolinium acetate

HPLC Column Used

Newcrom A, 4.6 x 150 mm, 5 µm, 100 Å, dual ended

[Order this column at hplc-shop.de →](https://www.hplc-shop.de)