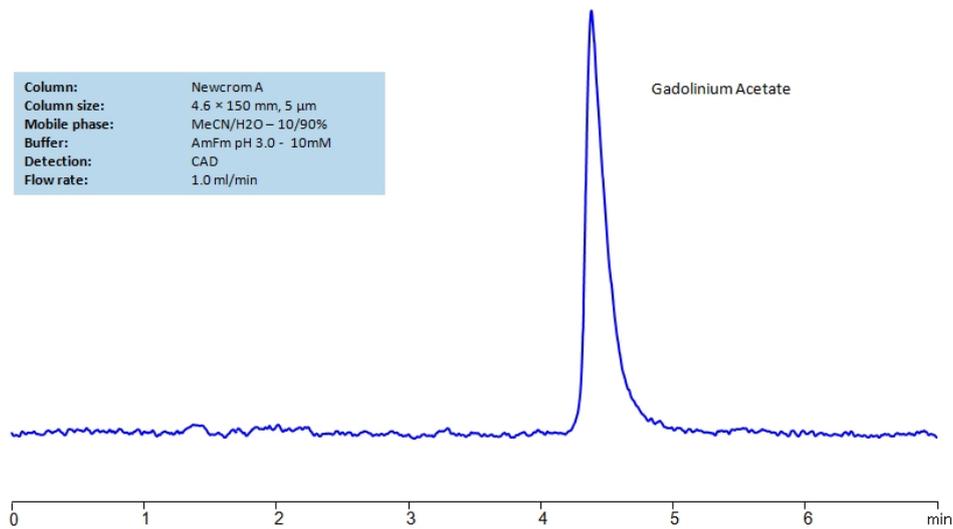


## HPLC Determination of Gadolinium Acetate on Newcrom A Column



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

Gadolinium Acetate is an acetate salt with the chemical formula  $Gd(CH_3COO)_3$ . 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

<b>Column</b>	Newcrom A, 4.6 x 150 mm, 5 µm, 100 Å, dual ended
<b>Mobile Phase</b>	MeCN/H <sub>2</sub> O – 10/90%
<b>Buffer</b>	AmFm pH 3.0- 10 mM
<b>Flow Rate</b>	1.0 mL/min
<b>Detection</b>	CAD (Corona) MS- compatible mobile phase

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