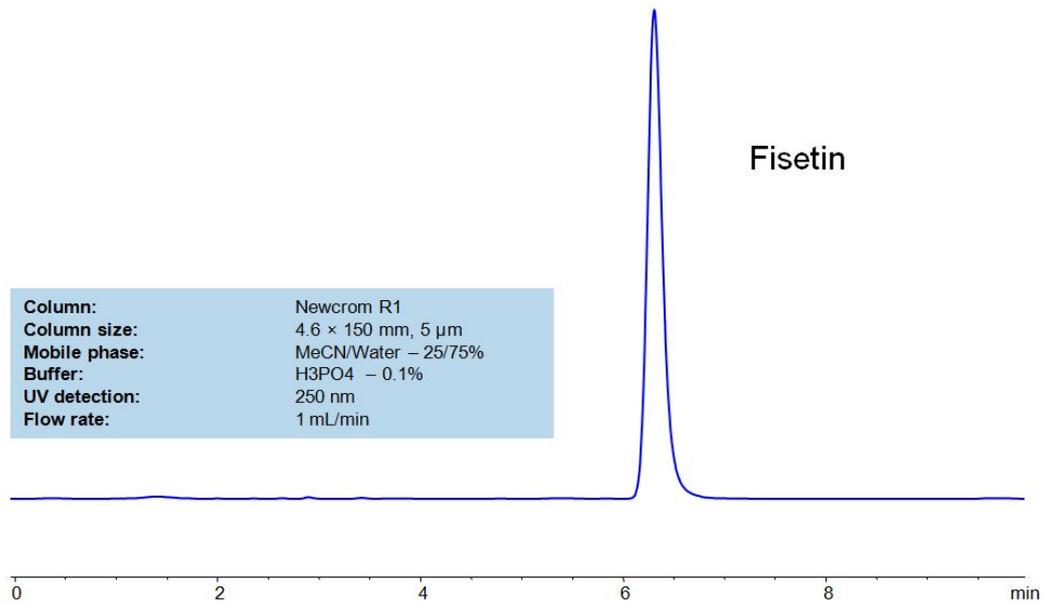


## HPLC Method for Analysis of Fisetin



### High Performance Liquid Chromatography (HPLC) Method for Analysis of Fisetin

Fisetin, is a plant polyphenol from the flavonoid group. It can be found in many plants, where it serves as a coloring agent. It is also found in many fruits and vegetables, such as strawberries, apples, persimmons, onions and cucumbers. Fisetin is a natural flavonoid with various benefits, such as antioxidant, anticancer, neuroprotection effects.

Fisetin can be retained and analyzed using the Newcrom R1 stationary phase column. The analysis utilizes an isocratic method with a simple mobile phase consisting of water and acetonitrile (MeCN) with a phosphoric acid base. Detection is performed using UV.

### Method Parameters

<b>Column</b>	Newcrom R1, 4.6 x 150 mm, 5 µm, 100 Å, dual ended
<b>Mobile Phase</b>	MeCN/H2O – 25/75%
<b>Buffer</b>	H3PO4 – 0.1%
<b>Flow Rate</b>	1.0 mL/min
<b>Detection</b>	UV, 250 nm

Quelle: <https://sielc.com/hplc-method-for-analysis-of-fisetin>