



**BRITISH PHARMACOPOEIA CHEMICAL REFERENCE SUBSTANCE
INFORMATION LEAFLET**

**CEFTRIAXONE SODIUM E-ISOMER
CATALOGUE NUMBER 977
CURRENT BATCH: 3231**

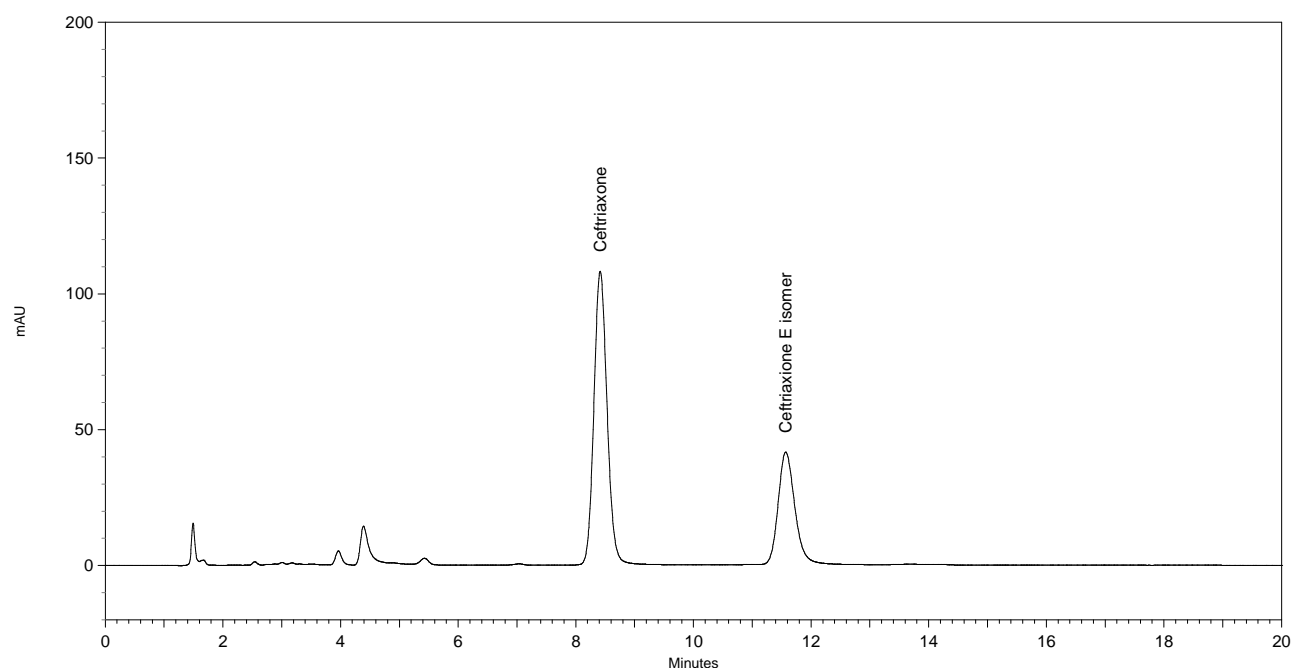
Declared Content

None given.

Use

This British Pharmacopoeia Chemical Reference Substance (BPCRS) is to be used as directed in the monograph(s) of the British Pharmacopoeia and is not intended for any other purpose.

Reference Chromatogram(s)



British Pharmacopoeia Commission Secretariat

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**British
Pharmacopoeia**

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Ceftriaxone Injection Monograph – Assay Test

Solution (3) 0.0050% w/v each of **ceftriaxone sodium BPCRS** and ceftriaxone **sodium E-isomer BPCRS**.

Column: Ultrasphere ODS, 5 µm (250 mm x 4.6 mm)

Mobile Phase: 2.0 g of tetradecylammonium bromide and 2.0 g tetraheptylammonium bromide in a mixture of 440 mL of water, 55 mL of 0.067M phosphate buffer solution pH 7.0, 5.0 mL of citrate buffer solution pH 5.0 prepared by dissolving 20.17 g of citric acid in 800 mL of water, adjusting to pH 5.0 with strong sodium hydroxide and diluting to 1000 mL with water, and 500 mL of acetonitrile.

Detection Wavelength: 254 nm

Flow Rate: 1.5 mL/min

Column Temperature: 25 °C

Injection Volume: 20 µL

Additional Information

For additional information on BPCRS please visit the British Pharmacopoeia website.
<https://www.pharmacopoeia.com>