



British Pharmacopoeia Commission Secretariat

MHRA, 10 South Colonnade, Canary Wharf
London, E14 4PU
United Kingdom

British Pharmacopoeia Commission Laboratory

Queen's Road
Teddington, TW11 0LY
United Kingdom

www.pharmacopoeia.com

**BRITISH PHARMACOPOEIA CHEMICAL REFERENCE SUBSTANCE
INFORMATION LEAFLET**

**LACIDIPINE IMPURITY STANDARD
CATALOGUE NUMBER 647
CURRENT BATCH: 3856**

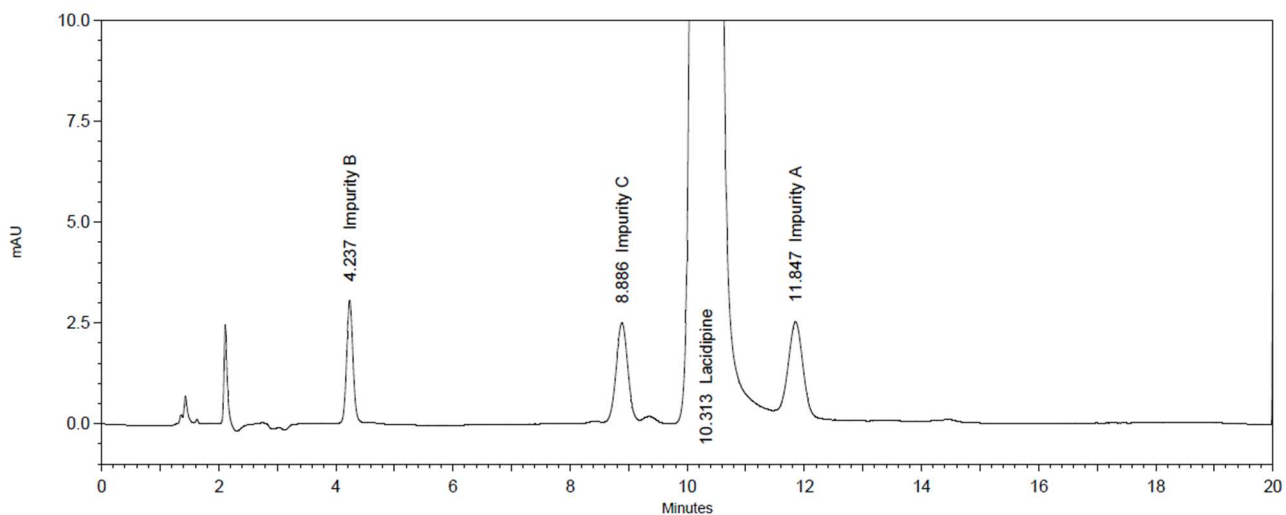
Declared Content

No declared content figure is given as the standard is not used for assay purposes.

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)





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Related substances

Column: Spherisorb CN (250 mm x 4.6 mm, 5 µm)

Mobile Phase: 3 volumes of absolute ethanol and 97 volumes of n-hexane

Flow Rate: 2.0 mL/min

Detection Wavelength: 240 nm

Elution Order: Impurity B: Diethyl (*E*)-4-{2-[2-(*tert*-butoxycarbonyl)vinyl]phenyl}-2,6-dimethylpyridine-3,5-dicarboxylate (4.2 minutes)
Impurity C: Diethyl (*Z*)-4-{2-[2-(*tert*-butoxycarbonyl)vinyl]phenyl}-1,4-dihydro-2,6-dimethylpyridine-3,5-dicarboxylate (8.8 minutes)
Lacidipine (10.2 minutes)
Impurity A: Ethyl methyl (*E*)-4-{2-[2-(*tert*-butoxycarbonyl)vinyl]phenyl}-1,4-dihydro-2,6-dimethylpyridine-3,5-dicarboxylate (11.7 minutes)

Additional Information

When a British Pharmacopoeia Chemical Reference Substance (BPCRS) is directed to be used in an Assay or quantitative determination described in a monograph of the British Pharmacopoeia or the British Pharmacopoeia (Veterinary) the following statements apply.

Where a “declared content” is required the content stated on this leaflet is of the current batch of the BPCRS and is quoted on an ‘as is’ basis. This figure is to be used in calculating the results of the assay.

It is the responsibility of the analyst using any BPCRS for quantitative purposes to assure himself or herself that the batch number on the label corresponds with the batch number given on this leaflet.

For additional information on BPCRS please visit the British Pharmacopoeia website.

<https://www.pharmacopoeia.com>