

British Pharmacopoeia Commission Secretariat
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British Pharmacopoeia Commission Laboratory
10 Priestley Road, Surrey Research Park
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www.pharmacopoeia.com

BRITISH PHARMACOPOEIA CHEMICAL REFERENCE SUBSTANCE INFORMATION LEAFLET

TOBRAMYCIN CATALOGUE NUMBER 333 CURRENT BATCH: 4251

Declared Content

Calculated by user (see below).

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)

None given.

Additional Information

Where a “declared content” is required, the user should determine the water content by oven coulometric titration (Method III, Appendix IX C) using approximately 50 mg of tobramycin BPCRS (duplicate determination) at the time of use and take this into account when using this BPCRS for assay purposes.

The declared content should be calculated as follows:
 $\% \text{ declared content } (\text{C}_{18}\text{H}_{37}\text{N}_5\text{O}_9) = (99.75 - \% \text{Water}) \times 0.927$

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. This figure is to be used in calculating the results of the assay.

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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>