Technical Data Sheet

AZtec Standards

Reference standards for X-ray Microanalysis

High quality reference standards are important in performing accurate quantitative microanalysis using EDS or WDS.

- All blocks of standards are manufactured in accordance with ASTM E3
- Each block of standards is stamped with a unique serial number
- Standards are supplied with a certificate of analysis; following ISO 22309 and ASTM E1508 guidelines, carried out on samples representative of each material embedded.
- Materials are high purity, well characterized and homogeneous
- A Faraday cup for accurate measurement of beam current is included
- Each block of standards is tested in a SEM prior to shipping
- Re-polishing and re-validation service is available to keep standards in perfect condition

All standard blocks are manufactured for Oxford Instruments by Micro-Analysis Consultants Ltd (MAC). MAC has ISO 9001 certification

Set 1

37 standards covering 42 elements plus Faraday cup. 32mm diameter x 5mm deep brass block. Supplied with data sheet.

Set 2

55 standards covering 56 elements plus Faraday cup. 32mm diameter x 5mm deep brass block. Supplied with data sheet.

Visit nano.oxinst.com/AZtecWave

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