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

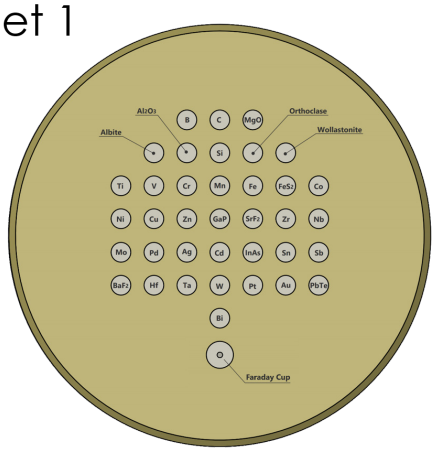
H																	He
Li	Be											B	C	N	O	F	Ne
Na	Mg											Al	Si	P	S	Cl	Ar
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe
Cs	Ba	La	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn
Fr	Ra	Ac															

Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr

Elements covered by standard block set 1

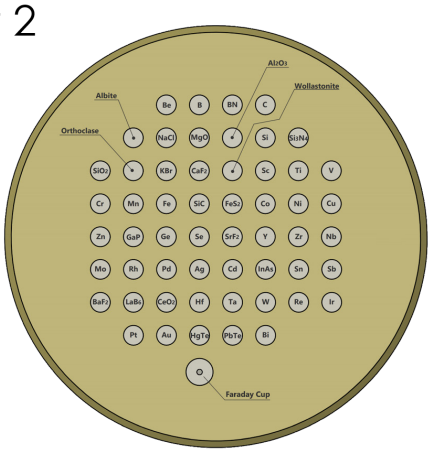
Additional elements covered by standard block set 2

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.

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