

ISO 17973:2016-09 (E)

Surface chemical analysis - Medium-resolution Auger electron spectrometers - Calibration of energy scales for elemental analysis

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Symbols and abbreviated terms	1
5	Outline of method	2
6	Energy scale calibration procedures	3
6.1	Obtaining reference samples	3
6.2	Mounting samples	3
6.3	Cleaning samples	3
6.4	Choosing spectrometer settings for energy calibration	5
6.5	Operating the instrument	5
6.6	Measurement of reference peaks	6
6.7	Determining measured kinetic energies of reference peaks	7
6.8	Determining correction of instrument kinetic energy scale	8
6.9	Next calibration	9
Bibliography		11