

ISO 17331:2004-05 (E)

Surface chemical analysis - Chemical methods for the collection of elements from the surface of silicon-wafer working reference materials and their determination by total-reflection X-ray fluorescence (TXRF) spectroscopy

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Abbreviations	2
5	Reagents	2
6	Apparatus	6
7	Specimen preparation and measurement environments	6
8	Preparation of calibration specimen	6
9	Making calibration curve	8
10	Collection of iron and/or nickel from working reference material	10
11	Determination of iron and/or nickel of working reference material	11
12	Precision	11
13	Test report	12
Annex A (informative) International inter-laboratory test results		13
Annex B (informative) International inter-laboratory test results of GF-AAS and ICP-MS		16