

ISO 10810:2010-11 (E)

Surface chemical analysis - X-ray photoelectron spectroscopy - Guidelines for analysis

Contents		Page
Foreword		iv
Introduction		v
1 Scope		1
2 Normative references		1
3 Terms and definitions		1
4 Symbols and abbreviations		1
5 Overview of sample analysis		2
6 Specimen characterization		4
6.1 General		4
6.2 Specimen forms		4
6.3 Material types		6
6.4 Handling and mounting of specimens		7
6.5 Specimen treatments		7
7 Instrument characterization[8]		7
7.1 General		7
7.2 Instrument checks		8
7.3 Instrument calibration		8
7.4 Instrument set-up		14
8 The wide-scan spectrum		15
8.1 Data acquisition		15
8.2 Data analysis		16
9 The narrow scan		18
9.1 General		18
9.2 Data acquisition		18
9.3 Data analysis		18
10 Test report		22
Bibliography		24