

ISO 22016:2015-05 (E)

Determination of sulfur in refractory products and raw materials by gravimetric, photometric and titrimetric methods

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Apparatus	1
4.1	General	1
4.2	Apparatus specified in method B	2
5	Reagents	3
5.1	General	3
5.2	Standard solutions for method B	5
6	Sample preparation	5
7	Determination of sulfur	6
7.1	General	6
7.2	Method A	6
7.2.1	Method A1	6
7.2.2	Method A2	7
7.3	Method B	8
7.3.1	Principle	8
7.3.2	Mass of test portion	8
7.3.3	Procedure	8
7.3.4	Blank test	9
7.3.5	Calculation	9
7.4	Method C	9
7.4.1	Principle	9
7.4.2	Mass of test portion	9
7.4.3	Procedure	9
7.4.4	Calculation	10
8	Test report	10
Annex A (informative) Statistical results of sulfur analyses in refractories and raw materials		11
Bibliography		13