

ISO 4829-2:2016-02 (E)

Steels - Determination of total silicon contents - Reduced molybdosilicate spectrophotometric method - Part 2: Silicon contents between 0,01 % and 0,05 %

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Principle	1
4	Reagents	1
5	Apparatus	3
6	Sampling	4
7	Procedure	4
7.1	Test portion	4
7.2	Blank test	4
7.3	Determination	4
7.3.1	Dissolution of the test portion	4
7.3.2	Treatment of insoluble residue	4
7.3.3	Preparation of the test solution	4
7.3.4	Development of the colour	5
7.3.5	Spectrophotometric measurements	5
7.4	Establishment of the calibration curve	6
7.4.1	Preparation of the calibration solutions	6
7.4.2	Spectrophotometric measurements	6
7.4.3	Plotting of the calibration curve	6
8	Expression of results	6
8.1	Method of calculation	6
8.2	Precision	7
9	Test report	7
Annex A (informative) Additional information on the interlaboratory test		9
Bibliography		10