

ISO 4946:2016-02 (E)

Steel and cast iron - Determination of copper - 2,2'-Biquinoline spectrophotometric method

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Principle	1
4	Reagents	1
5	Apparatus	2
6	Sampling	2
7	Procedure	3
7.1	Test portion	3
7.2	Blank test	3
7.3	Determination	3
7.3.1	Preparation of the test solution	3
7.3.2	Colour development	3
7.3.3	Preparation of the compensating solution	4
7.3.4	Spectrophotometric measurement	4
7.4	Establishment of the calibration graph	4
7.4.1	Preparation of the calibration solutions	4
7.4.2	Spectrophotometric measurement	4
7.4.3	Calibration graph	4
8	Expression of results	5
9	Precision	5
9.1	General	5
9.2	Repeatability	6
9.3	Reproducibility	6
10	Test report	6
Annex A (informative) Additional information on the international interlaboratory test		7
Annex B (informative) Graphical representation of precision data		8
Bibliography		9