

ISO 4937:2024-12 (E)

Steel and iron - Determination of chromium content - Potentiometric or visual titration method

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	1
5	Reagents	2
6	Apparatus	4
7	Sampling and sample preparation	5
8	Procedure	5
8.1	Test portion.....	5
8.2	Blank test.....	5
8.3	Determination.....	5
8.3.1	Preparation of the test solution.....	5
8.3.2	Oxidation of chromium and preparation for titration.....	6
8.3.3	Titration.....	6
9	Expression of results	8
9.1	Method of calculation.....	8
9.1.1	Potentiometric titration.....	8
9.1.2	Visual titration.....	8
9.2	Precision.....	9
10	Test report	10
Annex A (informative) Additional information on the international interlaboratory precision tests		11
Annex B (informative) Graphical representation of precision data		13
Bibliography		15