

ISO 16878:2016-07 (E)

Iron ores - Determination of metallic iron content - Iron(III) chloride titrimetric method

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	1
5	Reagents	1
6	Apparatus	2
7	Sampling and sample preparation	3
8	Procedure	3
8.1	Number of determinations	3
8.2	Preparation of test portions	3
8.3	Determination	3
9	Expression of results	4
9.1	Calculation of the metallic iron content	4
9.2	General treatment of result	4
9.2.1	Repeatability and permissible tolerances	4
9.2.2	Determination of analytical result	4
9.2.3	Between-laboratories precision	4
9.2.4	Check for trueness	5
9.2.5	Calculation of final result	6
10	Test report	6
Annex A (normative) Flowsheet of the procedure for the acceptance of test results		7
Annex B (informative) Derivation of precision statements		8
Bibliography		9