

# ISO 4689-2:2015-08 (E)

## Iron ores - Determination of sulfur content - Part 2: Combustion/titration method

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Principle .....	1
4	Reagents .....	1
5	Apparatus .....	2
6	Sampling and samples .....	4
6.1	Laboratory sample .....	4
6.2	Preparation of predried test samples .....	4
7	Procedure .....	4
7.1	Number of determinations .....	4
7.2	Test portion .....	5
7.3	Blank test and check test .....	5
7.4	Determination .....	5
8	Expression of results .....	6
8.1	Calculation of sulfur content .....	6
8.2	General treatment of results .....	6
8.2.1	Repeatability and permissible tolerance .....	6
8.2.2	Determination of analytical result .....	7
8.2.3	Between-laboratories precision .....	7
8.2.4	Check for trueness .....	7
8.2.5	Calculation of final result .....	8
9	Test report .....	9
Annex A (normative)	Flowsheet of the procedure for the acceptance of analytical values for test samples .....	10
Annex B (informative)	Derivation of repeatability and permissible tolerance equations .....	11
Annex C (informative)	Precision data obtained by international analytical trial .....	12
Bibliography .....		13