

ISO 13291:2006-06 (E)

Zinc sulfide concentrates - Determination of zinc - Solvent extraction and EDTA titrimetric method

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Principle	1
4	Reagents	2
5	Apparatus	3
6	Sample	3
6.1	Test sample	3
6.2	Test portion	3
7	Procedure	3
7.1	Number of determinations	3
7.2	Blank test	4
7.3	Dissolution of test portion	4
7.4	Extraction	4
7.5	Titration	4
7.6	Determination of the titration factor of the EDTA standard solution	5
8	Expression of results	5
9	Precision	6
9.1	Expression of precision	6
9.2	Procedure for obtaining the final result	6
9.3	Between-laboratories precision	6
9.4	Check of trueness	7
10	Test report	8
Annex A (normative)	Procedure for the preparation and determination of the mass of a predried test portion	9
Annex B (normative)	Flowchart of the procedure for the acceptance of analytical values for test samples	11
Annex C (normative)	Elements that interfere with this method	12
Annex D (informative)	Derivation of precision equations	13
Bibliography		18