

Implementation of
ISO 2597-1:1994

Iron ores — Determination of total iron content —

Part 1: Titrimetric method after tin(II)
chloride reduction

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee ISE/58, Iron ores, upon which the following bodies were represented:

- British Iron and Steel Producers' Association
- Institution of Mining and Metallurgy
- Coopted members

This British Standard, having been prepared under the direction of the Engineering Sector Board, was published under the authority of the Standards Board and comes into effect on 15 June 1995

© BSI 07-1999

The following BSI references relate to the work on this standard:
Committee reference ISE/58
Draft for comment 92/45046 DC

ISBN 0 580 24412 1

Amendments issued since publication

Amd. No.	Date	Comments

Contents

	Page
Committees responsible	Inside front cover
National foreword	ii
Foreword	iii
Text of ISO 2597-1	1

National foreword

This British Standard reproduces verbatim ISO 2597-1:1994 and implements it as the UK national standard. It supersedes BS 7020-4.1:1988 which is withdrawn.

This British Standard is published under the direction of the Engineering Sector Board whose Technical Committee ISE/58 has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international committee any enquiries on interpretation, or proposals for change, and keep UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

NOTE International and European Standards, as well as overseas standards, are available from Customer Services, BSI, 389 Chiswick High Road, London W4 4AL.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the ISO title page, pages ii to iv, pages 1 to 8 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

INTERNATIONAL STANDARD

ISO
2597-1

First edition
1994-12-15

Iron ores — Determination of total iron content —

Part 1:

Titrimetric method after tin(II) chloride
reduction

Minerais de fer — Dosage du fer total —

Partie 1: Méthode titrimétrique après réduction au chlorure d'étain(II)



Reference number
ISO 2597-1:1994(E)

AVA Documents
Document Sharing Hub

Contents

	Page
Foreword	iii
1 Scope	1
2 Normative references	1
3 Principle	1
4 Reagents	1
5 Apparatus	2
6 Sampling and samples	2
7 Procedure	3
8 Expression of results	5
9 Test report	6
Annex A (normative) Flowsheet for the procedure for the acceptance of analytical values for test samples	7
Annex B (informative) Derivation of precision statements	7
Annex C (informative) Decontamination of the waste solutions from the analysis	8
Figure C.1 — Apparatus for the removal of mercury from waste solutions	8
Table B.1 — Total iron contents of test samples	7