

# Analysis of aluminium ores —

## Part 2: Chemical methods —

### Section 2.6 Method for determination of aluminium content: EDTA titrimetric method

[ISO title: Aluminium ores — Determination of aluminium  
content — EDTA titrimetric method]

UDC 553.492:543

# National foreword

This Section of BS 6870 has been prepared under the direction of the Non-ferrous Metals Standards Committee. It is identical with ISO 6994:1986 “*Aluminium ores — Determination of aluminium content — EDTA titrimetric method*”, published by the International Organization for Standardization (ISO).

**Terminology and conventions.** The text of the International Standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards; attention is drawn especially to the following.

The comma has been used as a decimal marker. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

Wherever the words “International Standard” appear, referring to this standard, they should be read as “Section of BS 6870”.

**Cross-references**

| International Standard | Corresponding British Standard                                                                                                                                                |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ISO 8557:1985          | BS 6870 <i>Analysis of aluminium ores</i><br>Section 2.2:1987 <i>Method for determination of hygroscopic moisture in analytical samples gravimetric method</i><br>(Identical) |

**Additional information.** When adopting the text of the International Standard, it was noticed that in 4.8 and 4.16 hydrochloric acid with a density of 1.17 g/ml is specified, whereas in the UK hydrochloric acid with a density of 1.18 g/ml is normally used. This difference, which will not affect the determination, has been brought to the attention of ISO in a proposal to amend the International Standard by specifying a wider range for the density of the hydrochloric acid required.

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, pages 1 to 8, an inside back cover 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.

**Amendments issued since publication**

| Amd. No. | Date of issue | Comments |
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This British Standard, having been prepared under the direction of the Non-ferrous Metals Standards Committee, was published under the authority of the Board of BSI and comes into effect on 28 August 1987

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The following BSI references relate to the work on this standard:  
Committee reference NFM/31  
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