

Methods of

Sampling and test for sodium and potassium silicates for industrial use —

Part 9: Determination of iron content

[ISO title: Sodium and potassium silicates for industrial use —
Determination of iron content — 1,10-Phenanthroline
photometric method]

NOTE It is recommended that this Part be read in conjunction with the information in the
“General introduction” published separately as BS 6092-0.

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National foreword

This Part of BS 6092 is identical with ISO 3201 “*Sodium and potassium silicates for industrial use — Determination of iron content — 1, 10-Phenanthroline photometric method*”, published in 1975 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 especially drawn to the following. The comma has been used throughout as a decimal marker. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

Where the words “International Standard” appear, referring to this standard, they should be read as “British Standard”.

Additional information

Water. Water complying with the requirements of clause 4 is specified in BS 3978 “*Water for laboratory use*”.

In the revised edition of BS 3984:1966 “*Sodium silicates*” the mass of the test portion (see 6.1) and the volume of the test solution (see 6.4.1) taken for colour development (see 6.4.2) will be adjusted so as to fit the method to the specification limits.

WARNING. Hydroxylammonium chloride specified in 4.2 is corrosive and irritant. Avoid contact with eyes and skin.

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 and 2, 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

This British Standard, having been prepared under the direction of the Chemicals Standards Committee, was published under the authority of the Executive Board and comes into effect on 27 February 1981

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The following BSI references relate to the work on this standard:
Committee reference CIC/22
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