

Methods of test for

Boric acid, boric oxide, *disodium* tetraborates, sodium perborates and crude sodium borates for industrial use —

Part 19: Determination of iron soluble in alkaline medium in crude sodium borates

[ISO title: Crude sodium borates for industrial use —
Determination of iron soluble in alkaline
medium — 2,2'-Bipyridyl photometric method]

NOTE It is recommended that this Part be read in conjunction with the information in the "*General introduction*", published separately as BS 5688-0.

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National foreword

This Part of BS 5688 is identical with ISO 3124 “*Crude sodium borates for industrial use — Determination of iron soluble in alkaline medium — 2,2'-Bipyridyl photometric 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, without deviation, as a British Standard. Some terminology and certain conventions are not identical with those used in British Standards; attention is 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 interpreted as “British Standard”.

Cross-reference

International Standard	Corresponding British Standard
ISO 2217:1975	BS 5688 <i>Methods of test for boric acid, boric oxide, disodium tetraborates, sodium perborates, and crude sodium borates</i> Part 10:1978 <i>Determination of matter insoluble in alkaline medium and preparation of test solutions of crude sodium borates</i> (Identical)

Additional information

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

Reagent. Hydrochloric acid, ρ approximately 1.18 g/ml, about 36 % (m/m) solution, which is the corresponding reagent normally obtainable in the United Kingdom, is suitable for use in place of the solution specified in 4.5.

WARNING NOTE. Hydroxylammonium chloride solution, the use of which is specified in 6.3.2, is toxic. Contact with the eyes and skin should be avoided. The solution should be dispensed from a burette or safety pipette.

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

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The following BSI references relate to the work on this standard:
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