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## Reagents for chemical analysis —

### Part 3: Specifications — Second series

*Réactifs pour analyses chimiques —*

*Partie 3: Spécifications — Deuxième série*

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 6353-3 was prepared by Technical Committee ISO/TC 47, *Chemistry*.

Users should note that all International Standards undergo revision from time to time and that any reference made herein to any other International Standard implies its latest edition, unless otherwise stated.

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## Reagents for chemical analysis —

### Part 3: Specifications — Second series

#### 1 Scope and field of application

This part of ISO 6353 gives specifications and indicates the test methods to be used for checking conformity with these specifications for a second series of reagents used in analytical chemistry the numbering system of which continues the first series specified in ISO 6353-2.

This document should be read in conjunction with ISO 6353-1, which describes the general test methods (GM) applicable to the requirements of the reagent specifications and gives such general information as is required for the correct use of the standard.

Particular attention is drawn to ISO 6353-1, clause 4, which describes the preparation of

- standard solutions (SS) at dilutions I, II and III;
- reagent solutions (RS);
- indicator solutions (IS).

In this part of ISO 6353, asterisked clause reference numbers refer to the 1982 edition of ISO 6353-1.

#### 2 Reagents (abbreviation: R), Specifications — Second series

General remarks

- 1 In all tests involving comparison with a standard matching solution, the result (for example colour intensity) obtained on the test solution shall not be greater than that obtained on the specified standard matching solution.
- 2 For all iron determinations according to ISO 6685, no photometric measurement will be executed; the determinations will be carried out using a matching solution as indicated in the relevant monograph.
- 3 Trivial names of indicators are used in the clauses and the IUPAC names are given in footnotes.