International Standard



7990

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION●МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ●ORGANISATION INTERNATIONALE DE NORMALISATION

Manganese ores and concentrates — Determination of total iron content — Titrimetric method after reduction and sulfosalicylic acid spectrophotometric method

Descriptors: minerals and ores, manganese ores, concentrates, chemical analysis, determination of content, total iron, volumetric analysis,

Minerais et concentrés de manganèse — Dosage du fer total — Méthode titrimétrique après réduction et méthode spectrophotométrique à l'acide sulfosalicylique

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spectrophotometric analysis.

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 SO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 7990 was prepared by Technical Committee ISO/TC 65, Manganese and chromium ores.

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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1 Scope and field of application

2 References

This International Standard specifies two methods for the 150 4296/1 Manganese ares — Sampling —

This International Standard specifies two methods for the determination of the total iron content of manganese ores and concentrates:

method A: titrimetric method after reduction, applicable to products having a total iron content from 1 to 25 % (m/m);

method B: sulfosalicylic acid spectrophotometric method, applicable to products having a total iron content from 0,2 to 2 % (m/m).

It should be read in conjunction with ISO 4297.

2JSO 4296/1, Manganese ores — Sampling — Part 1: Increment sampling.

ISO 4296/2, Manganese ores — Sampling — Part 2: Preparation of samples.

Manganese ores and concentrates — Methods of chemical analysis — General instructions.