

BS ISO 12830:2011



BSI Standards Publication

Paper, board and pulps — Determination of acid- soluble magnesium, calcium, manganese, iron, copper, sodium and potassium

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National foreword

This British Standard is the UK implementation of ISO 12830:2011. It supersedes BS ISO 1830:2005, BS ISO 777:2005, BS ISO 778:2005 and BS ISO 779:2005 which are withdrawn

The UK participation in its preparation was entrusted to Technical Committee PAI/11, Methods of test for paper, board and pulps.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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ISBN 978 0 580 66815 9

ICS 85.040; 85.060

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 December 2011.

Amendments issued since publication

Date	Text affected
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**Paper, board and pulps — Determination
of acid-soluble magnesium, calcium,
manganese, iron, copper, sodium and
potassium**

*Papiers, cartons et pâtes — Détermination de la teneur en magnésium,
calcium, manganèse, fer, cuivre, sodium et potassium soluble dans
l'acide*





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Published in Switzerland

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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. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 12830 was prepared by Technical Committee ISO/TC 6, *Paper, board and pulps*.

This first edition of ISO 12830 cancels and replaces ISO 777:2005, ISO 778:2005, ISO 779:2005, ISO 1830:2005 and ISO 9668:1990.

Introduction

This International Standard combines the determination of the acid-soluble part of magnesium (Mg), calcium (Ca), manganese (Mn), iron (Fe), copper (Cu), sodium (Na) and potassium (K) into a single standard. The scope of this International Standard covers only the acid-soluble part of the elements.

ISO 17812 specifies the procedure for the determination of total magnesium, total calcium, total manganese, total iron and total copper by atomic absorption spectrometry or by plasma emission spectrometry.

