
INTERNATIONAL STANDARD



739

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

Sodium carbonate for industrial use — Preparation and storage of test samples

Carbonate de sodium à usage industriel — Préparation et conservation de l'échantillon pour essai

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ISO 739:1976

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UDC 661.833.622 : 543.05

Ref. No. ISO 739-1976 (E)

Descriptors : sodium carbonate, samples, test specimens, test specimen conditioning, chemical analysis.

FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO Member Bodies). The work of developing International Standards is carried out through ISO Technical Committees. Every Member Body interested in a subject for which a Technical Committee has been set up 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.

Prior to 1972, the results of the work of the Technical Committees were published as ISO Recommendations; these documents are now in the process of being transformed into International Standards. As part of this process, Technical Committee ISO/TC 47 has reviewed ISO Recommendation R 739 and found it technically suitable for transformation. International Standard ISO 739 therefore replaces ISO Recommendation R 739-1968 to which it is technically identical.

ISO Recommendation R 739 was approved by the Member Bodies of the following countries :

Austria	India	Romania
Belgium	Israel	South Africa, Rep. of
Brazil	Italy	Spain
Chile	Japan	Switzerland
Czechoslovakia	Korea, Rep. of	Turkey
Egypt, Arab Rep. of	Netherlands	United Kingdom
France	New Zealand	U.S.A.
Germany	Poland	U.S.S.R.
Hungary	Portugal	Yugoslavia

No Member Body expressed disapproval of the Recommendation.

No Member Body disapproved the transformation of ISO/R 739 into an International Standard.

Sodium carbonate for industrial use — Preparation and storage of test samples

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1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the procedure for the preparation and storage of test samples of sodium carbonate for industrial use.

2 SAMPLING

2.1 Laboratory sample

Use the method specified in ISO . . .¹⁾ for the preparation of the laboratory sample.

2.2 Test sample

Place approximately 500 g of the laboratory sample in a perfectly dry airtight container of such a capacity that it is nearly filled by the test sample.

3 MARKING

The containers shall bear a label stating

- a) the origin and complete identification of the test sample;
- b) the date of bottling.

1) In preparation.

ANNEX

ISO PUBLICATIONS RELATING TO SODIUM CARBONATE FOR INDUSTRIAL USE

ISO 739 – Preparation and storage of test samples.

ISO 740 – Determination of total soluble alkalinity – Titrimetric method.

ISO 741 – Determination of sodium hydrogen carbonate content – Titrimetric method.

ISO 742 – Determination of chloride content – Mercurimetric method.

ISO 743 – Determination of sulphate content – Barium sulphate gravimetric method.

ISO 744 – Determination of iron content – 1,10-phenanthroline photometric method.

ISO 745 – Determination of loss of mass and of non-volatile matter at 250 °C.

ISO 746 – Determination of matter insoluble in water at 50 °C.

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