
INTERNATIONAL STANDARD



2520

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Tritolyl phosphate for industrial use — List of methods of test

Tritolyl phosphate à usage industriel — Liste des méthodes d'essais

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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.

International Standard ISO 2520 was drawn up by Technical Committee ISO/TC 47, *Chemistry*, and circulated to the Member Bodies in August 1971.

It has been approved by the Member Bodies of the following countries :

Austria	Ireland	South Africa, Rep. of
Belgium	Israel	Spain
Egypt, Arab Rep. of	Netherlands	Switzerland
France	New Zealand	Thailand
Germany	Poland	United Kingdom
Hungary	Portugal	U.S.S.R.
India	Romania	

No Member Body expressed disapproval of the document.

Tritolyl phosphate for industrial use – List of methods of test

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies methods of test for tritolyl phosphate $[(\text{CH}_3\text{C}_6\text{H}_4)_3\text{PO}_4]$ for industrial use.

2 REFERENCES

ISO/R 758, *Method for the determination of density of liquids at 20 °C.*

ISO/R 760, *Determination of water by the Karl Fischer method.*

ISO 2211, *Liquid chemical products for industrial use – Measurement of colour in Hazen units (platinum-cobalt scale).*

ISO 2521, *Tritolyl phosphate for industrial use – Determination of acidity to phenol red – Volumetric method.*

ISO 2522, *Tritolyl phosphate for industrial use – Determination of apparent free phenols content – Volumetric method.*

3 SAMPLING

Follow the principles given in ISO...¹⁾. Attention is drawn to the following recommendation: place the laboratory sample, representative of the material taken from the bulk, in a clean, dry, dark coloured, glass-stoppered bottle of such a size that it is nearly filled by the sample.

If it is necessary to seal this bottle, care shall be taken to avoid the risk of contamination.

4 DETERMINATION OF DENSITY AT 20 °C

Use the method specified in ISO/R 758.

5 DETERMINATION OF WATER CONTENT

Use any of the methods specified in ISO/R 760.

6 MEASUREMENT OF COLOUR

Use the method specified in ISO 2211.

7 DETERMINATION OF ACIDITY TO PHENOL RED

Use the method specified in ISO 2521.

8 DETERMINATION OF APPARENT FREE PHENOLS CONTENT

Use the method specified in ISO 2522.

9 TEST REPORT

The test report shall include the following particulars in relation to each test:

- the reference of the method used;
- the results and the method of expression used;
- any unusual features noted during the determination;
- any operation not included in this International Standard or the documents to which reference is made, or regarded as optional.

1) In preparation.

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