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British Standard

Methods of sampling and test for halogenated hydrocarbons

Part 10. Determination of impurities in methyl chloride, gas chromatographic method

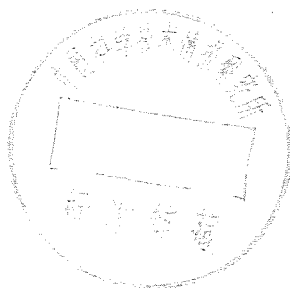
[ISO title : Methyl chloride for industrial use — Determination of impurities — Gas chromatographic methods]

99年7月20日
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2004年6月3日

Méthodes d'échantillonnage et d'essai des hydrocarbures halogénés
Partie 10. Détermination des impuretés du chlorure de méthyle, méthode par chromatographie en phase gazeuse

Verfahren zur Probenahme und Prüfung von halogenierten Kohlenwasserstoffen
Teil 10. Bestimmung von Verunreinigungen in Methylchlorid mit dem gaschromatischen Verfahren



2006年7月4日
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National foreword

This British Standard has been prepared under the direction of the Chemicals Standards Committee in order to provide methods of sampling and test for halogenated hydrocarbons.

For some years the United Kingdom has participated in the work of preparing methods of sampling and test applicable to halogenated hydrocarbons for industrial use, organized by Subcommittee 12, Halogenated hydrocarbons and amines, of Technical Committee 47, Chemistry, of the International Organization for Standardization (ISO). As international agreement is reached on the methods, they are being published as Parts of this British Standard as follows:

- Part 1 Sampling liquid products, identical with ISO 2209
- Part 2 Sampling of liquefied gases, identical with ISO 3427
- Part 3 Determination of residue on evaporation, identical with ISO 2210
- Part 4 Determination of acidity, titrimetric method, identical with ISO 1393
- Part 5 Determination of cloud point, identical with ISO 1394
- Part 6 Determination of acidity of fluorochlorinated hydrocarbons, identical with ISO 3363
- Part 7 Methods of test for methyl chloride and ethyl chloride, identical with ISO 5781
- Part 8 Determination of non-volatile residue in fluorinated hydrocarbons, identical with ISO 5789
- Part 9 Determination of boiling range of chlorofluorinated hydrocarbons, identical with ISO 5917
- Part 10 Determination of impurities in methyl chloride, gas chromatographic method, identical with ISO 5916
- Part 11 Determination of 'inert' gas content of chlorofluorohydrocarbons, gas chromatographic method, general principles, identical with ISO 5918

Terminology and conventions. The text of the international standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards; attention is drawn especially to the following.

The comma has been used as a decimal marker. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

Wherever the words 'International Standard' appear, referring to this standard, they should be read as 'British Standard'.

Cross-references

International standard	Corresponding British Standard
ISO 3427:1976	BS 5598 Methods of sampling and test for halogenated hydrocarbons Part 2 : 1976 Sampling of liquefied gases (Identical)

Although included in the references clause (clause 2), ISO 5921 is not referred to elsewhere in the text. It is only relevant insofar as it gives recommendations for the layout of a gas chromatographic test method.

Additional information. Attention is drawn in 4.3 to the use of trade names in specifying materials for column preparation. These materials are readily available in the United Kingdom and should therefore be used for the determination.

This standard describes a method of test only and should not be referred to as a specification defining limits of purity. Reference to the standard should indicate that the method of test used is in accordance with BS 5598 : Part 10.

Compliance with a British Standard does not of itself confer immunity from legal obligations.