

Methods of sampling and test for halogenated hydrocarbons —

Part 11: Determination of “inert” gas content of chlorofluorohydrocarbons, gas chromatographic method, general principles

[ISO title: Chlorofluorohydrocarbons for industrial use —
Determination of inert gas content — Gas chromatographic
method — General principles]

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Committees responsible for this British Standard

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- Chemical Industries Association
- Imperial Chemical Industries Limited
- Ministry of Defence
- Oil and Colour Chemists Association
- Royal Society of Chemistry
- Society of Chemical Industry

The following body was also represented in the drafting of the standard:

- Fabric Care Research Association

This British Standard, having been prepared under the direction of the Chemicals Standards Committee, was published under the authority of the Board of BSI and comes into effect on 31 May 1983

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Contents

	Page
Committees responsible	Inside front cover
National foreword	ii
1 Scope and field of application	1
2 References	1
3 Definition	1
4 Principle	1
5 Reagents and materials	1
6 Apparatus	1
7 Sampling	2
8 Procedure	2
9 Expression of results	2
10 Test report	2
Figure — Typical chromatogram [obtained by analysis of chlorodifluoromethane (R 22) for inert gas content using a Porapak packing]	3
Publications referred to	Inside back cover

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
	BS 5598 <i>Methods of sampling and test for halogenated hydrocarbons</i>
ISO 2209:1973	Part 1:1978 <i>Sampling of liquid products</i> (Identical)
ISO 3427:1976	Part 2:1979 <i>Sampling of liquefied gases</i> (Identical)

Additional information

WARNING NOTE. Care should be taken to avoid breathing the vapour of halogenated hydrocarbons. All operations likely to produce an appreciable concentration in the atmosphere should be conducted under a hood with an adequate exhaust.