

Methods of sampling and test for halogenated hydrocarbons —

Part 6: Determination of acidity of fluorochlorinated hydrocarbons

[ISO title: Fluorochlorinated hydrocarbons for industrial use —
Determination of acidity — Titrimetric method]

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Cooperating organizations

The Chemicals Standards Committee, under whose direction this British Standard was prepared, consists of representatives from the following Government departments and scientific and industrial organizations:

- Association of Fatty Acid Distillers
- British Tar Industry Association
- Chemical Industries Association*
- Chemical Society, Analytical Division
- Department of Health and Social Security
- Department of Industry: Laboratory of the Government Chemist
- Fertiliser Manufacturers' Association Ltd.
- Hydrocarbon Solvents Association
- Ministry of Agriculture, Fisheries and Food
- Ministry of Defence*
- National Sulphuric Acid Association
- Paintmakers' Association of Great Britain Ltd.
- Royal Institute of Public Health and Hygiene
- Soap and Detergent Industry Association
- Standardization of Tar Products Tests Committee

The organizations marked with an asterisk in the above list, together with the following, were directly represented on the committee entrusted with the preparation of this British Standard:

- British Plastics Federation
- Fabric Car Research Association
- Fire Extinguishing Trades Association
- Institute of Metal Finishing
- Institute of Refrigeration
- Oil and Colour Chemists Association
- Pharmaceutical Society of Great Britain
- Royal Institute of Chemistry
- Society of Chemical Industry
- Individual companies

This British Standard, having been prepared under the direction of the Chemicals Standards Committee, was published under the authority of the Executive Board and came into effect on 31 January 1979

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The following BSI references relate to the work on this standard:
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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 Sub-committee 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, it is proposed to publish them 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 5781¹⁾;*
- *Part 8: Determination of non-volatile residue in fluorinated hydrocarbons, identical with ISO 5789¹⁾.*

This Part is identical with ISO 3363 “*Fluorochlorinated hydrocarbons for industrial use — Determination of acidity — Titrimetric method*”.

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

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

Where the words “International Standard” appear, referring to this standard, they should be interpreted as “British Standard”.

Cross references

International Standard	Corresponding British Standard
ISO/R 1393 ^a	BS 5598 <i>Methods of sampling and test for halogenated hydrocarbons</i> Part 4:1979 <i>Determination of acidity</i> (Identical)
ISO 2209:1973	BS 5598 <i>Methods of sampling and test for halogenated hydrocarbons</i> Part 1:1978 <i>Sampling of liquid products</i> (Identical)
ISO 3427:1976	BS 5598 <i>Methods of sampling and test for halogenated hydrocarbons</i> Part 2:1979 <i>Sampling of liquefied gases</i> (Identical)

^a ISO/R 1393 has been superseded by ISO 1393:1977.

¹⁾ In course of preparation.