

Analysis of surface active agents (raw materials) —

Part 5: Ethoxylated alcohol and alkylphenol sulphates —

Section 5.2 Method for estimation of mean relative molecular mass

[ISO title: Surface active agents — Sulfated ethoxylated alcohols and alkylphenols — Estimation of the mean relative molecular mass]

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Chemicals Standards Committee (CIC/-) to Technical Committee CIC/34, upon which the following bodies were represented:

- Chemical Industries Association
- Consumer Policy Committee of BSI
- Department of the Environment
- Department of Trade and Industry (Laboratory of the Government Chemist)
- London Regional Transport
- Ministry of Defence
- Royal Society of Chemistry
- Soap and Detergent Industry Association
- Society of Dyers and Colourists

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 March 1989

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National foreword

This Section of BS 6829 has been prepared under the direction of the Chemicals Standards Committee. It is identical with ISO 6843:1988 “*Surface active agents — Sulfated ethoxylated alcohols and alkylphenols — Estimation of the mean relative molecular mass*”, published by the International Organization for Standardization (ISO).

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.

The symbol “l” has been used to denote litre (and in its submultiples). In British Standards it is current practice to use the symbol “L”.

In British Standards it is current practice to use the spelling “sulphur”, etc., instead of “sulfur”, etc.

Wherever the words “International Standard” appear, referring to this Standard, they should be read as “Section of BS 6829”.

Cross-references

International Standard	Corresponding British Standard
ISO 607:1980	BS 3762 <i>Analysis of formulated detergents</i> Part 1:1983 <i>Methods of sample division</i> (Identical)
ISO 1042:1983	BS 1792:1982 <i>Specification for one-mark volumetric flasks</i> (Identical)
ISO 2271:1972	BS 3762 <i>Analysis of formulated detergents</i> Part 3: <i>Quantitative test methods</i> Section 3.1:1983 <i>Method for determination of anionic-active matter content</i> (Identical)
ISO 4800:1977	BS 2021:1980 <i>Specification for separating and dropping funnels for laboratory use</i> (Identical)
ISO 6842:1983	BS 6829 <i>Analysis of surface active agents (raw materials)</i> Part 5: <i>Ethoxylated alcohol and alkylphenol sulphates</i> Section 5.1:1987 <i>Method for determination of total active matter content</i> (Identical)
ISO 8799:1988	Section 5.3:1988 <i>Method for determination of unsulphated matter content</i> (Identical)

Additional information. With reference to clause 4, water complying with grade 3 of BS 3978 “*Specification for water for laboratory use*” is suitable. With reference to 4.5, the concentration of the hydrochloric acid solution required is $c(\text{HCl}) = 2 \text{ mol/L}$.

This Section describes a method of test only and should not be used or quoted as a specification defining limits of purity. Reference to this Section should indicate that the method of test used is in accordance with BS 6829-5.2.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

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

Summary of pages

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This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.