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K 3304 : 2019

Foreword

This Japanese Industrial Standard has been revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Soap and Detergent Association (JSDA)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently JIS K 3304:2006 is replaced with this Standard.

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Test methods for soaps

Introduction

This Japanese Industrial Standard has been prepared based on ISO 456:1973, Edition 1, ISO 457:1983, Edition 2, ISO 672:1978, Edition 1, ISO 673:1981, Edition 2, ISO 684:1974, Edition 1, ISO 685:1975, Edition 1, ISO 1066:1975, Edition 1, ISO 1067:1974, Edition 1, ISO 2272:1989, Edition 2, ISO 4318:1989, Edition 2, ISO 4323:1977, Edition 1, ISO 4325:1990, Edition 2, and ISO 8212:1986, Edition 1 with some modifications of the technical contents in order to re-adopt the evaluation method of the detergency of powdery soaps as the test method in this Standard, which has been deleted in the previous revision, in view of the change in the market of detergents for clothing and the change in the laundering environment.

The vertical lines on both sides and dotted underlines indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex JB.

1 Scope

This Standard specifies the test methods for soaps except those containing a surface active agent or synthetic detergent.

NOTE The International Standards corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 456:1973 Surface active agents—Analysis of soaps—Determination of free caustic alkali

ISO 457:1983 Soaps—Determination of chloride content—Titrimetric method

ISO 672:1978 Soaps—Determination of moisture and volatile matter content—Oven method

ISO 673:1981 Soaps—Determination of content of ethanol-insoluble matter

ISO 684:1974 Analysis of soaps—Determination of total free alkali

ISO 685:1975 Analysis of soaps—Determination of total alkali content and total fatty matter content

ISO 1066:1975 Analysis of soaps—Determination of glycerol content—Titrimetric method

ISO 1067:1974 Analysis of soaps—Determination of unsaponifiable, unsaponified and unsaponified saponifiable matter

ISO 2272:1989 Surface active agents—Soaps—Determination of low contents of free glycerol by molecular absorption spectrometry

ISO 4318:1989 Surface active agents and soaps—Determination of water content—Azeotropic distillation method

ISO 4323:1977 Soaps—Determination of chlorides content—Potentiometric method