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# CHEMICAL INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

中华人民共和国化工行业标准

HG/T 3811-2006

# Methods of test for bromide for industrial use

工业溴化物试验方法

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#### Foreword

Please note that some contents in this standard may be involved with patents. The issuer of this standard does not bear the responsibility to recognize these patents.

Annex A of this standard is informative.

This standard is proposed by China Petroleum and Chemical Industry Federation.

This standard is under the jurisdiction of National Standardization Technical Committee of Chemical (SAC/TC63/SC1).

The main drafting units of this standard: Qingdao Entry-exit Inspection and Quarantine Bureau, Jiangsu World Chemical Co., Ltd., Shandong Weifang Longwei Industrial Co., Ltd., Tianjin Chemical Research & Design Institute

The main drafters of this standard: ZHAO Zuliang, XU Shanquan, YANG Wenhua, MOU Lanting, LI Guangming

#### Test methods for bromide for industrial use

#### 1 Scope

This standard specifies the test method of bromide for industrial use.

This standard is applicable to bromide for industrial use. This standard specifies the determination technology of product. When preparing the test solution, the standards related to the analyzed product shall be referenced to conduct the necessary revision to this standard to make it more appropriate for the determination of product.

#### 2 Normative references

The articles contained in the following documents have become this document when they are quoted herein. For the dated documents so quoted, all subsequent modifications (Including all corrections) or revisions made thereafter do not apply to this standard. However, the parties that reach an agreement according to this standard are encouraged to study whether the latest versions of these documents may be used. For the undated documents so quoted, the latest versions (including all modification sheets) apply to this document.

GB/T 3049-1986 Chemical products for industrial use--General method for determination of iron content--1, 10--Phenanthroline spectrophotometric method [ISO 6685: 1982(E) IDT]

GB/T 6682-1992 Water for analytical laboratory use--Specification and test methods (eqv ISO 3696: 1987)

GB/T 9724-1988 Chemical reagent--General rules for the determination of pH

HG/T 3696. 1 Inorganic chemical products Preparations of standard volumetric solutions for chemical analysis

HG/T 3696. 2 Inorganic chemical products Preparations of standard solutions for chemical analysis

HG/T 3696. 3 Inorganic chemical products Preparations of reagent solutions for chemical analysis

#### 3 Test methods

#### 3.1 Safety warns

Some reagents used in this test are poisonous or corrosive. Special attention must be paid during operation! If splashed to skin, wash with plenty of water. If condition severe, take the injured to hospital for professional medical care.

#### 3.2 General stipulations

Unless otherwise specified, all the reagents used in this standard refer as analytic reagents and water is class 3 water as stipulated in GB/T 6682. Unless otherwise specified, all the standard titration solutions, standard impurity solution, preparations and products used in the test shall be in accordance with HG/T 3696.1, HG/T 3696.2 or HG/T 3696.3 for preparation.



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