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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 29643-2013

**Sodium hydroxide for industrial use -- Laboratory sample --
Preparation of the main solution for carrying out certain
determinations**

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

The standard reference method using redrafted ISO 3195. 1975 (2002) "hydroxide for industrial use sampling, sample and measuring project

Preparation of the solution of the "establishment. And ISO 3195. 1975 conformance degree (2002) in non-equivalent.

Please note that some of the content of this document may involve patents. Release mechanism of the present document does not assume responsibility for the identification of these patents.

The standard proposed by China Petroleum and Chemical Industry Association.

This standard by the National Standardization Technical Committee chlor-alkali chemical branch (SAC/TC63/SC6) centralized.

This standard was drafted. Hangzhou Electrochemical Group Co., Ltd., Zhejiang Juhua Co., Ltd. Electrochemical Factory, Qingdao Haijing Chemical Group Co.,

Company and Jinxi Chemical Industry Research Institute.

1 Scope

This standard specifies the description hydroxide for industrial use sampling, laboratory sample preparation and determination of the main project solution used.

2 Normative references

The following documents for the application of this document is essential. For dated

references, only the dated version suitable for use herein

Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 6682 analytical laboratory use specifications and test methods (GB/T 6682-2008, ISO 3696. 1987, MOD)

3 Sample Description

Because sodium hydroxide is hygroscopic, absorbing carbon dioxide and corrosion properties such as container, it should have special precautions. Therefore, you should do.

- Rapid sampling in dry air;
- Laboratory samples should be stored in a sealed vial, to prevent contact with the air;
- Vial should be tested on a sample project made no contaminated materials.

4 laboratory sample

4.1 laboratory sample should be prevented from contact with air, and do not absorb moisture and carbon dioxide sampling.

4.2 For solid samples, if necessary, crushed in a mortar or crushed, in order to ensure that the maximum particle size of not more than 6mm, the operation should be

Operation carried out in the box. Operation box placed respectively containing phosphorus pentoxide and potassium hydroxide particles flat plate, dried for at least 1h, the operation to remove

Box for moisture and carbon dioxide (or to operate inside leads to dry thoroughly purged with nitrogen), then after sample preparation.

4.3 take 300g ~ 500g laboratory samples stored in the sample test project is not contaminated material in a sealed vial.

Vials filled with possible samples.

4.4 should be affixed on the vial label stating. manufacturer name, product name, model specifications, batch number or production date, sampling date, sampling

Persons.

5.1 Reagents

Preparation of sample solution used water refers to three water GB/T 6682 specified in (non-carbonated) or equivalent purity.