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**GB**

NATIONAL STANDARD OF THE  
PEOPLE'S REPUBLIC OF CHINA

ICS 71.080  
G 18

**GB/T 1816-2019**

Replacing GB/T 1816-1997

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## **Test for Neutrality of Benzole Products**

苯类产品中性试验

**Issued on: June 4, 2019**

**Implemented on: January 1, 2020**

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**Issued by: State Administration for Market Regulation;**

**Standardization Administration of the People's Republic of  
China.**

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# Test for Neutrality of Benzole Products

**Warning:** benzole products are volatile toxic and harmful substances; operators shall properly wear protective articles, for example, gas mask, and operate in ventilation hood.

## 1 Scope

This Standard stipulates the principle, sampling and sample preparation, reagents, instruments, test procedures and test result of test for neutrality of benzole products.

This Standard is applicable to test for neutrality of benzole products, such as crude benzole, which is recovered from coke oven gas; coking benzene, coking toluene and coking xylene, which are obtained from light benzene through hydrogenation and rectification; petroleum benzene, petroleum toluene and petroleum mixed xylene, which are produced from petroleum fraction through catalytic reforming process, etc.

## 2 Normative References

The following documents are indispensable to the application of this document. In terms of references with a specified date, only versions with a specified date are applicable to this document. In terms of references without a specified date, the latest version (including all the modifications) is applicable to this document.

GB/T 603 *Chemical Reagent - Preparations of Reagent Solutions for Use in Test Methods*;

GB/T 1999 *Sampling of Coking Oil Products*;

GB/T 4756 *Method for Manual Sampling of Petroleum Liquids*

## 3 Principle

At room temperature, use quantitative water to extract quantitative sample. Use the acidity and alkalinity of the extract to express the acidity and alkalinity of products.

## 4 Sampling and Sample Preparation

The sampling and sample preparation of benzole products shall comply with the stipulations in GB/T 1999 and GB/T 4756.

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