

HG

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

HG/T 4068-2008

Wet-process crude phosphoric acid for industrial use

工业湿法粗磷酸[合订本 HG/T4068、4069-2008]

(English Translation)

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1 Scope

This standard specifies the requirements, test methods, inspection rules, marking and labeling, as well as packaging, transport and storage of wet phosphoric acid for industrial use.

This standard is applicable to the wet phosphoric acid for industrial use produced by dihydrate process and sulfuric acid leaching. This product is mainly used for the production of purified phosphoric acid and other industrial phosphates.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this standard. For dated references, subsequent amendments (excluding corrections), or revisions, of any of these publications do not apply to this standard. However parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition applies.

GB/T 1250 Rules for expression and judgment of limiting values

GB/T 6678 General principles for sampling chemical products

GB/T 6680 General rules for sampling liquid chemical products

GB/T 6682-1992 Water for laboratory use - Specifications (eqv ISO 3696: 1987)

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 Molecular formula and relative molecular mass

Molecular formula: H_3PO_4

Relative molecular mass: 97.99 (as per the international relative atomic mass in 2005).