

HG

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

HG/T 3774-2005

Feed grade diammonium hydrogen phosphate

饲料级 磷酸氢二铵

(English Translation)

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1 Scope

This standard specifies the requirements, test methods, inspection rules as well as marking, labeling, packaging, transport and storage of feed grade diammonium hydrogen phosphate.

This standard is applicable to feed grade diammonium hydrogen phosphate. It is mainly used as a supplement to phosphorus and nitrogen in feed for ruminant animals.

Molecular formula: $(\text{NH}_4)_2\text{HPO}_4$

Relative molecular mass: 132.06 (as per the international relative atomic mass of 2001)

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 610.1 Chemical reagent - General method for the determination of arsenic

GB/T 6003.1-1997 Test sieves of metal wire cloth (eqv ISO 3310.1:1990)

GB/T 6678 General principles for sampling chemical products

GB/T 6682-1992 Water for analytical laboratory use - Specification and test methods (eqv

ISO 3696:1987)

GB/T 9724-1998 Chemical reagent - General rule for the determination of pH

GB/T 10209.1 Determination of total nitrogen content for monoammonium phosphate and diammonium phosphate (titrimetric method after distillation)

GB/T 10209.3-2001 Determination of water content for monoammonium phosphate and diammonium phosphate

GB 10648 Feed label

GB/T 13079 Method for determination of total arsenic in feeds

GB/T 13080 Method for determination of lead in feeds

GB/T 13083 Method for determination of fluorine in feeds

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

3.1 Appearance

white crystal.

3.2

Feed grade diammonium hydrogen phosphate shall meet the requirements of Table 1.