

HG

CHEMICAL INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

HG/T 3775-2005

Feed grade cobalt sulfate

饲料级 硫酸钴

(English Translation)

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1 Scope

This standard specifies the requirements, test methods, inspection rules, marking and labeling as well as packaging, transportation and storage of feed grade cobalt sulfate.

This standard is applicable to feed grade cobalt sulfate.

Molecular formula: $\text{CoSO}_4 \cdot n\text{H}_2\text{O}$ ($n=1$ or $n=7$)

Relative molecular mass: 173.0 for dry product or cobalt sulfate monohydrate (according to the international relative atomic mass in 2001)

281.1 for crystalline product or cobalt sulfate heptahydrate (according to the international relative atomic mass in 2001)

2 Normative references

The following standards contain provisions which, through reference in this standard, 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 191-2000 Packaging - Pictorial marking for handling of goods (eqv ISO 780: 1997)

GB/T 610.1-1988 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 10648 Feed label

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

GB/T 13080 Method for determination of lead 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

The product is pink crystalline powder or reddish brown crystalline.

3.2

The feed grade cobalt sulfate shall meet those specified in Table 1.

Table 1 Requirements