

ICS 65.120

NY

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

NY/T 723-2003

**Potassium iodate for feed
(English Translation)**

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Foreword

The feed grade potassium iodate standard is based on standards and literature such as the American Edible Chemicals Code (F.C.C, 1996, fourth edition).

Developed through a large number of experimental studies.

This standard was proposed by the Department of Market Economy and Information of the Ministry of Agriculture.

This standard is under the jurisdiction of the Ministry of Agriculture, Animal Husbandry and Veterinary Bureau.

1 Scope

This standard specifies the technical requirements, test methods, inspection rules, marking, packaging, transportation and storage of feed grade potassium iodate.

This standard applies to feed grade potassium iodate produced by potassium chlorate oxidation. This product is added to the feed as a supplement to iodine.

2 Normative references

The terms in the following documents become the terms of this standard by reference to this standard. All dated references, followed by all Modifications (not including errata content) or revisions do not apply to this standard, however, parties to agreements based on this standard are encouraged to study if it is possible to use the latest version of these files? For undated references, the latest edition applies to this standard.

Preparation of standard solution by GB/T 601 chemical reagent titration analysis (capacity analysis) Preparation of standard solution for GB/T 602 chemical reagent impurity

determination Preparation of preparations and products used in GB/T 603 chemical reagent test method GB/T 6435 Method for determination of feed moisture GB 10648 feed label GB/T 14699.1 Feed sampling method

3.1 Appearance and traits

This product is colorless or white crystalline powder, no odor, soluble in water, insoluble in ethanol.

The pH of the aqueous sample solution (1+20) is 5.0 to 7.0.

3.2 Technical indicators

Technical indicators should meet the requirements of Table 1.

Table 1 Technical indicators%

Indicator name indicator Potassium iodate (KIO_3) ≥ 99.0 Potassium iodate (in I) ≥ 58.7
Total arsenic (As) ≤ 0.0003 Heavy metals (in terms of Pb) ≤ 0.001 Chlorate ≤ 0.01 Loss on drying ≤ 0.5

4 Test methods

The reagents, water and instruments used in this standard use analytical reagents and distilled water or water of corresponding purity when no other requirements are indicated.

And general laboratory equipment.

The standard solution, impurity standard solution, preparation and products required for the determination are in accordance with GB/T 601 when no other standards are specified.

Prepared according to the provisions of GB/T 602 and GB/T 603.

Safety Tip. Some strong acid should be used in this standard test operation, so be careful not to splash on the skin. Using volatile test