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

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**National food safety standard -- Food nutrition enhancer
potassium gluconate**

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1 Scope

This standard is applicable to food nutrition fortifier glucose prepared by reacting potassium hydroxide (or potassium carbonate) and gluconic acid as raw materials.

Potassium acid.

2.1 Molecular formula

$C_6H_{11}KO_7$ (anhydrous product)

$C_6H_{11}KO_7 \cdot H_2O$ (one water product)

2.3 Relative molecular mass

234.25 (anhydrous product) (according to 2016 international relative atomic mass)

252.26 (one water product) (according to 2016 international relative atomic mass)

3.1 Sensory requirements

Sensory requirements should be in accordance with Table 1.

Table 1 Sensory requirements

Project requirements inspection method White or white Tissue state crystalline powder or granule Take an appropriate amount of sample in a clean, dry white porcelain dish.

Observe the color and tissue state under natural light

3.2 Physical and chemical indicators

Physical and chemical indicators should meet the requirements of Table 2.

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