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

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**National food safety standard -- Food nutrition enhancer zinc  
acetate**

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China, State Administration for Market Regulation**

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### 1 Scope

This standard is applicable to zinc acetate, a food nutrition enhancer made by reacting zinc oxide (or zinc hydroxide) with acetic acid.

#### 2.1 Chemical Name

Zinc acetate

#### 2.2 Molecular formula

Anhydrous zinc acetate.  $C_4H_6O_4Zn$  Zinc acetate dihydrate.  $C_4H_6O_4Zn \cdot 2H_2O$

#### 2.4 Relative molecular mass

Anhydrous zinc acetate. 183.48 (according to 2016 international relative atomic mass)

Zinc acetate dihydrate. 219.51 (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 State crystalline powder or flake  
Take an appropriate amount of sample in a 50mL beaker, at Observing its color and 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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