



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

**中华人民共和国国家标准**

**GB 1886.46-2015**

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**National Food Safety Standard**

**Food Additives Low Sodium Sulfite**

**食品安全国家标准**

**食品添加剂 低亚硫酸钠**

**Issued on September 22, 2015**

**Implemented from March 22, 2016**

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**Issued by The People's Republic of China**

**National Health and Family Planning Commission**

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## **Foreword**

This standard replaces GB 22215-2008 *Food Additives Natrium Hydrosulfurosum (Sodium Hydrosulfite)*.

This standard, in comparison with GB 22215-2008, has main changes as follows:

- The standard name is changed to “National Food Safety Standards Food Additives Low Sodium Sulfite”.

**National Food Safety Standard**  
**Food Additives      Low Sodium Sulfite**

**1 Scope**

This Standard is applicable to food additive low sodium sulfite.

**2 Molecular Formula and Relative Molecular Mass**

**2.1 Molecular Formula**



**2.2 Relative Molecular Mass**

174.11C (according to international relative atomic mass 2007)

**3 Technical Requirements**

**3.1 Sensory Requirements**

Sensory requirements shall comply with the provisions in Table 1.

**Table 1      Sensory Requirements**

| Item   | Requirements       | Inspection methods  |
|--------|--------------------|---|
| Color  | White              | Take appropriate amount of sample into a clean and dry white porcelain dish, under natural ray of light, observe its color and state. |
| Status | Crystalline Powder |   |

**3.2 Physical and Chemical Indexes**

Physical and chemical indexes shall comply with the provisions in Table 2.

**Table 2      Physical and Chemical Indexes**

| Item                                   | Index                | Inspection methods |
|--|----------------------|--------------------|
| Low sodium sulfite, $\omega/\%$ $\geq$ | 88.0                 | A.4 in Annex A     |
| EDTA Disodium                          | Accord with the test | A.5 in Annex A     |
| Heavy metal (in Pb) / (mg/kg) $\leq$   | 10.0                 | A.6 in Annex A     |
| lead (Pb)/(mg/kg) $\leq$               | 5.0                  | GB 5009.75         |
| cadmium(Cd)/(mg/kg) $\leq$             | 2.0                  | GB 5009.15         |



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