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

**GB 1903.38-2018**

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**National food safety standard -- Food nutrition enhancer  
ferrous succinate**

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### 1 Scope

This standard applies to the food nutrition enhancer succinic acid obtained by chemical synthesis and refining with sodium succinate and ferrous sulfate as main raw materials Ferrous.

#### 2.1 Chemical name

Ferric succinate

#### 2.2 Molecular formula

C<sub>4</sub>H<sub>4</sub>FeO<sub>4</sub>

#### 2.3 Relative molecular mass

171.92 (anhydrous) (according to 2016 international relative atomic mass)

#### 3.1 Sensory requirements

Should meet the requirements of Table 1.

Table 1 Sensory requirements

Project requirements inspection method Dark yellow State powder Smell smell Take an appropriate amount of sample and place it in a white clean, dry container, and observe under natural light Its color, state, smell its smell

#### 3.2 Physical and chemical indicators

Should meet the requirements of Table 2.