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

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**National Food Safety Standards Food Nutritional Enhancers
Reduced Iron**

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1 Scope

This standard applies to foods produced by coal-based direct reduction or gas-based direct reduction using iron, phosphorus or iron concentrate powder as raw materials.

Nutritional fortifier reduced iron.

2.1 Chemical name

reduced iron

2.2 Molecular formula

Fe

2.3 Relative molecular mass

55.85 (according to 2018 international relative atomic mass)

3.1 Sensory requirements

Sensory requirements should comply with Table 1.

Table 1 Sensory requirements

Project requirements inspection method Matte or slightly glossy gray-black color status powder Take an appropriate amount of sample, place it in a clean, dry white porcelain plate, and observe it under natural light.

Color and condition

3.2 Physical and chemical indicators

The physical and chemical indicators should comply with the provisions of Table 2.

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