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

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**National Food Safety Standard Food Nutritional Enhancer
Copper Carbonate**

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Table of Contents

- 1 Scope
- 2 Chemical name, molecular formula and relative molecular mass
 - 2.1 Chemical name
 - 2.2 Molecular formula
 - 2.3 Relative molecular mass
- 3 Technical requirements
 - 3.1 Sensory requirements
 - 3.2 Physical and chemical indicators

1 Scope

This standard applies to sodium carbonate or sodium bicarbonate, soluble copper salts as raw materials or cathode copper (electrolytic copper), liquid ammonia, carbon dioxide Food nutrition fortifier copper carbonate prepared from raw materials.

2.1 Chemical name

Basic copper carbonate

2.2 Molecular formula

$\text{CuCO}_3 \cdot \text{Cu}(\text{OH})_2$

2.3 Relative molecular mass

221.11 (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 color state green powder Take an appropriate amount of sample, place it in a clean, dry white porcelain plate, and observe it under natural light.

Check its color and condition

3.2 Physical and chemical indicators

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

Table 2 Physical and chemical indicators

Project indicator inspection method Copper (Cu) content, w/% ≥ 55.0 A.3 in Appendix A

Chloride (calculated as Cl), w/% ≤ 0.05 A.4 in Appendix A

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