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

GB 1903.59-2023

**National Food Safety Standard Food Nutritional Enhancer
Chromium Chloride**

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1 Scope

This standard applies to chromium chloride, a food nutrition fortifier, prepared through reduction by reacting chromium trioxide and hydrochloric acid as raw materials.

2.1 Chemical name

Chromium trichloride hexahydrate

2.2 Molecular formula

$\text{CrCl}_3 \cdot 6\text{H}_2\text{O}$

2.4 Relative molecular mass

266.44 (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 green to purple State crystal or crystalline powder Take an appropriate amount of sample and place it evenly on a clean, dry white porcelain plate or transparent In a beaker, observe its color and state under natural light.