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

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**National food safety standard -- Food nutrition enhancer zinc
chloride**

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1 Scope

This standard is applicable to zinc chloride (or zinc ingot) as a raw material, and is a food nutrition enhancer zinc chloride which is prepared by reacting with hydrochloric acid.

2.1 Chemical Name

Zinc chloride

2.2 Molecular formula

ZnCl_2

2.3 Relative molecular mass

136.30 (according to 2016 international relative atomic mass)

3.1 Sensory requirements

Sensory requirements should be in accordance with Table 1.

Table 1 Sensory requirements

Project requirements inspection method White or white State crystalline powder or granular, deliquescent Take an appropriate amount of sample in a 50mL beaker under natural light Observe its color and state

3.2 Physical and chemical indicators

Physical and chemical indicators should meet the requirements of Table 2.

Table 2 Physical and chemical indicators

Project requirements inspection method Zinc chloride content (on a dry basis), w/%
95.0~100.5 Appendix A, A.3 pH 5.0~6.5 A.4 in Appendix A Dry reduction, w/% $\leq$ 5.0
Appendix A, A.5

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