

ICS 65.120

CCS B46



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

GB/T 22546-2008

Feed additive basic zinc chloride

饲料添加剂 碱式氯化锌

Issued on: November 21, 2008

Implemented on: February 1, 2009

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China;
Standardization Administration of China**

Table of Contents

- 1 Scope
- 2 Normative references
- 4 Requirements
- 12.86 Water-soluble chloride (Cl) (mass fraction) /% ≤

Foreword

The Standard Annexes A and B are informative appendices. This standard by the National Standardization Technical Committee Feed Industry and focal points. This standard was drafted. National Feed Quality Supervision and Inspection Center (Wuhan), Changsha Ka-hing Biological Engineering Co., Ltd., Huazhong University of Science and Technology Tongji Medical College. The main drafters of this standard. He Yifan, Xu Jinping, Zhou Changhong, Yao Yajun, Yang Hua Liao, Huangyi Jiang, Zhu Love. Feed additive basic zinc chloride

1 Scope

GB/T 22546-2008 is the Chinese national standard on feed additive basic zinc chloride, in the field of agriculture. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 21 November 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 February 2009. Classification: ICS 65.120, CCS B46. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard defines the quality requirements for the feed additive basic zinc chloride, test methods, inspection rules and labels, packaging, transport and storage. This standard applies to a feed additive basic zinc chloride.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to

the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard. Preparation of

GB/T 601 chemical reagent standard titration solution

GB/T 6682 analytical laboratory use specifications and test methods (GB/T 6682-2008, ISO 3696. 1987, MOD)

GB 10648 feed label Determination of

GB/T 13079 of total arsenic in feed Atomic

GB/T 13080 feed of lead absorption spectrometry

GB/T 13082 Determination of cadmium in feed

GB/T 14699.1 feed sampling (GB/T 14699.1-2005,

ISO 6497.2002, IDT) "People's Republic of China Pharmacopoeia" 2005 edition two 3 formula, molecular mass

3.1 Molecular formula. $\text{Zn}_5\text{Cl}_2(\text{OH})_8 \cdot \text{H}_2\text{O}$.

3.2 Molecular weight. 551.89 (according to 2007 international relative atomic mass).

4 Requirements

4.1 Appearance Small white crystalline powder, no phenomenon into a united block.

4.2 Physical indicators Feed additives basic physical and chemical indicators of zinc chloride should be consistent with Table 1. Table

1 Physical and Chemical Indicators Item Index Basic zinc chloride $[\text{Zn}_5\text{Cl}_2(\text{OH})_8 \cdot \text{H}_2\text{O}]$ (mass fraction) /% $\geq$

98.0 Zinc (Zn) (mass fraction) /% $\geq$

58.06 Chlorine (Cl) (mass fraction) /% 12.00 ~

12.86 Water-soluble chloride (Cl) (mass fraction) /% $\leq$

0.65 Arsenic (As) (mass fraction) /% $\leq$ 0.0005 Lead (Pb) (mass fraction) /% $\leq$ 0.0008

Cadmium (Cd) (mass fraction) /% $\leq$ 0.0005 Fineness (through a pore size of 0.1mm test sieve) /% $\geq$ 99.0