

ICS 65.120  
CCS B46



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

**GB/T 25865-2010**

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**Feed additive-Zinc sulphate**

饲料添加剂 硫酸锌

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Quarantine of the People's Republic of China;  
Standardization Administration of China**

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## Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules. This standard by the National Feed Industry Standardization Technical Committee (SAC/TC76) and focal points. This standard was drafted. China Feed Industry Association, Zhejiang Province, feed monitoring, Hangzhou Fuyang new feed Limited. The main drafters of this standard. Zhucong Ying, Hu Guangdong, Zhang Zhijian, Tian Li, Ren Yuqin, Jinhai Li, Wu Wang Jun, Lv Weijun, Feng Jie, Liu Shijie, He Jianxing. Feed additive zinc sulphate

## 1 Scope

GB/T 25865-2010 is the Chinese national standard on feed additive-zinc sulphate, 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 10 January 2011 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 June 2011. 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 specifies the feed additive zinc sulphate product classifications, technical requirements, test methods, inspection rules and labels, packaging, transport And storage. This standard applies to raw materials and zinc sulfate produced by the reaction of zinc sulfate of feed additives. Formula.  $\text{ZnSO}_4 \cdot n\text{H}_2\text{O}$ . Molecular Weight. 179.47 ( $n = 1$ ), 287.56 ( $n = 7$ ) (according to 2007 international relative atomic mass).

## 2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document. Preparation of

GB/T 601 chemical reagent standard titration solution

GB/T 5917.1 Determination of Particle Size of Feed two sieve method Laboratory use specifications and test methods GB/T 6682 Analysis

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

### 3 Product Categories

Feed additive according to the amount of zinc into zinc sulfate. a zinc sulfate, zinc content  $\geq 34.5\%$ ; seven water zinc sulfate, zinc content  $\geq 22.0\%$ . 4. Technical Requirements

4.1 Appearance and Traits A zinc sulfate is white or off-white powder, soluble in water, slightly soluble in ethanol, insoluble in the acid solution; seven water zinc sulfate as a colorless Transparent prismatic or fine needle crystal or granular crystalline powder, weathering resistance, is highly soluble in water, insoluble in ethanol.

4.2 Technical Specifications Technical indicators shall comply with the requirements of Table 1. Table

1 Technical Specifications project index  $\text{ZnSO}_4 \cdot \text{H}_2\text{O}$   $\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$  Zinc sulfate content /%  $\geq 94.7$  97.3