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

GB/T 22144-2025

Replacing GB/T 22144-2008

General rules for natural mineral feeds

天然矿物质饲料通则

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. This document replaces GB/T 22144-2008 "General Rules for Natural Mineral Feed". Compared with GB/T 22144-2008, the main differences are in structural adjustments. Aside from editorial changes, the main technical changes are as follows:

- a) The terms and definitions for "natural minerals" and "natural mineral feed" have been removed (see Chapter 3 of the.2008 edition);
- b) The "Hygiene Standards for Manufacturing Enterprises" (see section 4.1 of the.2008 edition) has been deleted;
- c) The regulations for "physicochemical indicators" and "hygiene indicators" have been revised (see 4.2, 4.3, and 4.4 in the.2008 edition);
- d) The sampling rules have been changed (see Chapter 5, 6.2 of the.2008 edition);
- e) The "Test Methods" have been changed (see Chapter 6, Chapter 5 of the.2008 edition);
- f) The provisions regarding "batching, factory inspection, type inspection, and judgment rules" have been revised (see Chapter 7, Chapter 6 of the.2008 edition);
- g) The provisions on "labeling, packaging, transport, storage and shelf life" have been changed (see Chapter 8, Chapter 7 of the.2008 edition). Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed and is under the jurisdiction of the National Technical Committee on Standardization of Feed Industry (SAC/TC76). This document was drafted by: Beijing Institute of Animal Husbandry and

Veterinary Medicine, Chinese Academy of Agricultural Sciences; Feed Research Institute, Chinese Academy of Agricultural Sciences; and Tongwei Agricultural Development Co., Ltd. Exhibition Co., Ltd. The main drafters of this document are. Zhang Junmin, Zhao Qingyu, Han Yunsheng, Zhang Lu, Guo Xiaoqing, and Tang Chaohua. The release history of this document and its replacement document is as follows:

---First published in.2008 as GB/T 22144-2008;

---This is the first revision. General Rules for Natural Mineral Feed

1 Scope

GB/T 22144-2025 is the Chinese national standard covering the mineral materials fed to animals - limestone, phosphates, salt, zeolites and clays - with their identification, their nutrient content and the heavy metals and fluorine that come with a natural mineral and have to be limited. It replaces GB/T 22144-2008, one of four feed standards revised together. It was issued on 31 December 2025 and has been in force since 1 July 2026, replacing GB/T 22144-2008. The document is under the responsibility of the Standardization Administration of China. This page is published from the official record of the 2025 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

This document specifies the technical requirements, inspection rules, labeling, packaging, transportation, storage, and shelf life of natural mineral feed ingredients, and describes... Sampling and testing methods. This document applies to natural mineral feed ingredients.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 5917.1 Determination of Particle Size of Ground Feed - Two-Layer Sieve Method

GB/T 6435 Determination of moisture in feed

GB/T 8170 Rules for rounding off numerical values and the representation and determination of limiting values GB 10648 Feed Label

GB 13078 Feed Hygiene Standard GB/T 14699 Feed Sampling

GB/T 18823 Permissible Errors in the Judgment of Feed Test Results

GB/T 42959 Sample collection for microbiological testing of feed

3 Terms and Definitions

This document does not contain any terms or definitions that need to be defined.

4 Technical Requirements

4.1 Appearance and Properties It has a uniform color, no lumps, no odor, and no foreign matter.

4.2 Physicochemical Indicators The product's physicochemical indicators should specify the mandatory labeling requirements of the "Feed Ingredient Catalog," main components, particle size, and moisture content, as well as indicators that reflect the product's characteristics. Other indicators.

4.3 Hygiene Indicators In addition to complying with the requirements of GB 13078, other indicators may be added based on the safety risks of the product.

5.Sampling Sampling for microbiological testing purposes shall be performed in accordance with GB/T 42959; sampling for other testing purposes shall be performed in accordance with GB/T 14699.