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

GB/T 22142-2024

Replacing GB/T 22142-2008

Feed additive-General rules for organic acid

饲料添加剂 有机酸通用要求

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting is required.

This document replaces GB/T 22142-2008 "General requirements for organic acids in feed additives". Compared with GB/T 22142-2008, In addition to structural adjustments and editorial changes, the main technical changes are as follows.

Added a chapter on "Terms and Definitions" (see Chapter 3); a) Changed "sensory indicators" to "appearance and properties" and modified the corresponding technical content (see 4.1, 2008 edition 3.1);

b) Added "Identification" (see 4.2); c) The quality indicators have been changed, and the "mixing uniformity" and "water content" of liquid organic acid products have been deleted (see 4.3, 2008 edition). 3.2);

d) Changed "Indicators of toxic and hazardous substances and impurities" to "Impurity indicators" and "Sanitation indicators", and changed the corresponding technical Content (see 4.4, 4.5, 3.3 of the 2008 edition);

e) Added a chapter on "Sampling" (see Chapter 5); f) The test method for "fineness" has been changed (see 6.3.2, 4.3 of the 2008 edition); g) The test method for organic acid content has been changed (see 6.3.3, 4.4 of the 2008 edition); h) The type inspection has been changed (see 7.3, 5.1 of the 2008 edition); i) Added judgment rules (see 7.4); j) Increased shelf life (see 8.5). k) Please note that some of the contents of this document

may involve patents. The publisher of this document does not assume the responsibility for identifying patents.

This document is proposed and coordinated by the National Feed Industry Standardization Technical Committee (SAC/TC 76).

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The previous versions of this document and the documents it replaces are as follows.

First published in 2008 as GB/T 22142-2008; This is the first revision.

General requirements for organic acids as feed additives

1 Scope

This document defines the terms and definitions of organic acids as feed additives, and stipulates the technical requirements, sampling, inspection rules, labeling, packaging, Transportation, storage and shelf life, and the corresponding test methods are described.

This document applies to the production and use of single organic acids as feed additives and provides guidance for the formulation of product standards for organic acids as feed additives.

2 Normative references

GB/T 606

GB/T 5917.1

GB/T 8170

GB 10648

GB/T 13079

GB/T 13080

GB/T 14699

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 feed additive organic acid

Added to feed or animal drinking water, it has the function of anti-corrosion or anti-mildew or plays an acidifying role (lowering pH) in the animal digestive tract. Machine acid.

Note. The organic acids allowed as feed additives are those specified in the "Feed Additives Catalogue" published by the Ministry of Agriculture and Rural Affairs, as well as the supplementary varieties.

4.1.1 Solid Dosage Forms

It is in powder, granular or flake form, with uniform shape and color, and no lumps.

4.1.2 Liquid dosage forms

The color is uniform, without stratification or precipitation. Crystallization may occur at low temperatures.