

ICS 65.120
CCS B46



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

GB 7300.802-2023

Replacing GB/T 22145-2008

**Feed additives - Part 8: Preservatives, mildew preventives and
acidity regulators - Propionic acid**

饲料添加剂 第8部分：防腐剂、防霉剂和酸度调节剂 丙酸

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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 is Part 802 of GB 7300 "Feed Additives": GB 7300 has released the following parts:

- Part 1: Amino acids, amino acid salts and their analogs L-threonine (GB 7300:101);
- Part 1: Amino acids, amino acid salts and their analogs glycine (GB 7300:102);
- Part 1: Amino acids, amino acid salts and their analogs methionine hydroxy analogs (GB 7300:103);
- Part 2: Vitamins and retinoids L-ascorbic acid-2-phosphate salt (GB 7300:201);
- Part 2: Vitamins and vitamin-like vitamin D3 oil (GB 7300:202);
- Part 2: Vitamins and vitamin-like betaines (GB 7300:203);
- Part 2: Vitamins and vitamin-like betaine hydrochloride (GB 7300:204);
- Part 3: Mineral elements and their complexes (chelates) potassium iodide (GB 7300:301);
- Part 3: Mineral elements and their complex (chelate) sodium selenite (GB 7300:302);
- Part 4: Enzyme preparation xylanase (GB 7300:401);
- Part 4: Enzyme preparation phytase (GB 7300:402);
- Part 4: Enzyme preparation cellulase (GB 7300:403);
- Part 5: Microorganism *Saccharomyces cerevisiae* (GB 7300:501);

1 Scope

GB 7300.802-2023 is the Chinese national standard on feed additives - part 8: preservatives, mildew preventives and acidity regulators - propionic acid, in the field of agriculture. It carries no /T suffix, which in the Chinese system means compliance is

mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 27 November 2023 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 December 2024. 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 document gives the chemical name, molecular formula, relative molecular mass and structural formula of propionic acid, and stipulates the technical requirements of the feed additive propionic acid: requirements, sampling, inspection rules and labeling, packaging, transportation, storage and shelf life, and describes the test methods: This document applies to feed additive propionic acid products that are chemically synthesized and refined using propionaldehyde as raw material:

2 Normative reference documents

The contents of the following documents constitute essential provisions of this document through normative references in the text: Among them, the dated quotations For undated referenced documents, only the version corresponding to that date applies to this document; for undated referenced documents, the latest version (including all amendments) applies to this document:

GB 190 Dangerous goods packaging markings

GB/T 191 Packaging, storage and transportation pictorial mark

GB/T 601 Preparation of chemical reagent standard titration solution

GB/T 602 Preparation of standard solutions for determination of impurities in chemical reagents

GB/T 603 Preparation of preparations and products used in chemical reagent test methods

GB/T 606 General method for determination of moisture content of chemical reagents: Karl Fischer method

GB/T 4472 General principles for determination of density and relative density of chemical products

GB/T 6680 General rules for sampling of liquid chemical products

GB/T 6682 Specifications and test methods for water used in analytical laboratories

GB/T 7534 Determination of boiling range of industrial volatile organic liquids

GB/T 8170 Numerical rounding rules and expression and determination of limit values

GB/T 9740 General method for determination of chemical reagent evaporation residues GB 10648 Feed label

GB/T 13079 Determination of total arsenic in feed

3 Terms and definitions

There are no terms or definitions to be defined in this document:

4 Chemical name, molecular formula, relative molecular mass and structural formula 4:

1 Chemical name: propionic acid 4:

2 Molecular formula: $C_3H_6O_2$ 4:

3 Relative molecular mass: 74.08 (calculated based on the international relative atomic weight in:2018)