

ICS 65.120
CCS B46



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

GB 7300.805-2025

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

饲料添加剂 第8部分：防腐剂、防霉剂和酸度调节剂 乳酸

Issued on: October 5, 2025

Implemented on: November 1, 2026

**Issued by: State Administration for Market Regulation;
Standardization Administration of China**

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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 805 of GB 7300 "Feed Additives". GB 7300 has already published the following parts.

1. Amino acids, amino acid salts and their analogues L-threonine (GB 7300.101);

1. Amino acids, amino acid salts and their analogues, glycine (GB 7300.102);

1. Amino acids, amino acid salts and their analogues, methionine hydroxy analogues (GB 7300.103);

1. Amino acids, amino acid salts and their analogues L-valine (GB 7300.104);

1. Amino acids, amino acid salts and their analogues, taurine (GB 7300.105);

2. Vitamins and Vitamin-like L-ascorbic acid-2-phosphate salts (GB 7300.201);

1 Scope

GB 7300.805-2025 is the Chinese national standard on feed additives - part 8: preservatives, mildew preventives and acidity regulators - lactic 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 5 October 2025 by the State Administration for Market Regulation; Standardization Administration of China, and takes effect on 1 November 2026. 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 provides the chemical name, molecular formula, relative molecular mass, and structural formula of lactic acid, and specifies the technical requirements for lactic acid as a feed additive. Requirements, inspection rules, labeling, packaging, transportation, storage and shelf life, and sampling and testing methods are described. This document applies to lactic acid feed additives made from starch or sugars through fermentation with *Lactobacillus* or *Rhizopus oryzae*.

2 Vitamins and Vitamin D

3 Oils (GB 7300.202);

2. Vitamins and Vitamin-like Betaine (GB 7300.203);

2. Vitamins and Vitamin-like Betaine Hydrochloride (GB 7300.204);

2. Vitamins and Vitamin B2-like Riboflavin (Vitamin B2) (GB 7300.205);

3. Mineral Elements and Their Complexes (Chelates) - Potassium Iodide (GB 7300.301);

3. Mineral Elements and Their Complexes (Chelates) - Sodium Selenite (GB 7300.302);

3. Mineral Elements and Their Complexes (Chelates) Potassium Iodate (GB 7300.303);

3. Mineral Elements and Their Complexes (Chelates) - Glycine Iron Complex (GB 7300.304);

3. Mineral Elements and Their Complexes (Chelates) - Basic Copper Chloride (GB 7300.305);

3. Mineral Elements and Their Complexes (Chromium Nicotinate) (GB 7300.306);

3. Mineral elements and their complexes (chelates) zinc glycine (GB 7300.307);

3. Mineral Elements and Their Complexes (Chelates) - Zinc Threonine Chelate (GB 7300.308);

4. Enzyme Preparations. Xylanase (GB 7300.401);

4. Enzyme Preparations. Phytase (GB 7300.402);

3 Terms and Definitions

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

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

4.1 Chemical Name 2-Hydroxypropionic acid.

4.2 Molecular Formula $C_3H_6O_3$.

8 Benzoic acid (GB 7300.804). Preservatives, fungicides and acidity regulators

- 8.Preservatives, fungicides and acidity regulators (lactic acid) (GB 7300.805);
- 8.Preservatives, fungicides and acidity regulators, calcium formate (GB 7300.806);
- 9.Coloring agent beta-carotene powder (GB 7300.901);
- 9.Coloring agents beta,beta-carotene-4,4-dione (cantharidin) (GB 7300.902);
- 10.Monosodium glutamate (MSG), a flavoring and stimulating food ingredient (GB 7300.1001);
- 10.Allicin, a flavoring and stimulating agent (GB 7300.1002);
- 10.Flavoring and Enhancing Agent Neomethylhesperidin dihydrochalcone (GB 7300.1003);
- 13.Other bile acids (GB 7300.1301). 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 Ministry of Agriculture and Rural Affairs of the People's Republic of China.

Feed additives refer to small or trace amounts of substances added during feed processing, production, and use, including nutritional feed additives. And general feed additives. For ease of use, GB 7300 "Feed Additives" is divided into the following 13 major categories according to product type.

- 1.Amino acids, amino acid salts and their analogues;
- 2.Vitamins and Vitamin-like Forms;
- 3.Mineral Elements and Their Complexes (Chelates);
- 4.Enzyme Preparations;
- 5.Microorganisms;

13 Others. The product lactic acid in this document belongs to Category

8.Preservatives, Mold Inhibitors, and Acidity Regulators. Lactic acid is the fifth product published in this category. This document is numbered GB 7300.805, and is part 805 of GB 7300. Feed additives, Part