

ICS 65.120
CCS B46



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

GB 7300.804-2025

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

饲料添加剂 第8部分：防腐剂、防霉剂和酸度调节剂 苯甲酸

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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. This document is Part 804 of GB 7300 "Feed Additives". GB 7300 has been published in 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 analogs Glycine (GB 7300.102);
- 1. Amino acids, amino acid salts and their analogs - Methionine hydroxy analogs (GB 7300.103);
- 1. Amino acids, amino acid salts and their analogues L-valine (GB 7300.104);
- 2. Vitamins and vitamin-like substances L-ascorbic acid-2-phosphate (GB 7300.201);
- 2. Vitamins and vitamin-like vitamin D3 oil (GB 7300.202);
- 2. Vitamins and vitamin-like betaine (GB 7300.203);
- 2. Vitamins and vitamin-like substances. Betaine hydrochloride (GB 7300.204);
- 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) - Iron glycine complex (GB 7300.304);

1 Scope

GB 7300.804-2025 is the Chinese national standard on feed additives - part 8: preservatives, mildew and acidity regulators - benzoic 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 30 June 2025 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 July 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 gives the chemical name, molecular formula, relative molecular mass and chemical structure of benzoic acid, and specifies the feed additive benzoic acid. The technical requirements, inspection rules, labeling, packaging, transportation, storage and shelf life of the product are described, as well as the sampling and test methods. This document applies to feed additive benzoic acid directly produced from petroleum toluene through catalytic oxidation, refining and purification, or Benzoic acid, a feed additive, is obtained by further refining industrial-grade benzoic acid obtained by catalytic oxidation of toluene as raw material.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document. For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document.

GB/T 601 Preparation of standard titration solutions for chemical reagents

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

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

GB/T 606 General method for determination of water content in chemical reagents - Karl Fischer method

GB/T 617 General method for determination of melting point range of chemical reagents

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

GB/T 8170 Rules for rounding off values and expression and determination of limit values

GB 10648 Feed Labeling

GB/T 14699 Feed Sampling Pharmacopoeia of the People's Republic of China (2020 Edition) Volume IV

3 Terms and Definitions

There are no terms or definitions that require definition in this document.

4 Chemical name, molecular formula, relative molecular mass and chemical structure

4.1 Chemical name benzoic acid.

4.2 Molecular formula $C_7H_6O_2$.

4.3 Relative molecular mass 122.12 (calculated according to the 2022 international relative atomic mass).