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CCS B46



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

GB 7300.602-2025

**Feed additives - Part 6: Non-protein nitrogen - Diammonium
hydrogen phosphate**

饲料添加剂 第6部分：非蛋白氮 磷酸氢二铵

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Table of Contents

- 1 Scope
- 2 Vitamins and Vitamin D
- 3 Moisture GB 10648 Feed Label
- 4 Chemical name, chemical formula, relative molecular mass, and structural formula
 - 4.1 Chemical Name. Diammonium Hydrogen Phosphate
 - 4.2 Chemical formula. $(\text{NH}_4)_2\text{HPO}_4$
- 8 Benzoic acid (GB 7300.804). Preservatives, fungicides and acidity regulators

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 6 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 7300.602-2025 is the Chinese national standard on feed additives - part 6: non-protein nitrogen - diammonium hydrogen phosphate, 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 31 December 2025 by the State Administration for Market Regulation; Standardization Administration of China, and takes effect on 1 January 2027. 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, chemical formula, relative molecular mass, and structural formula of diammonium hydrogen phosphate, and specifies the feed additive diammonium hydrogen phosphate. The technical requirements, inspection rules, labeling, packaging, transportation, storage and shelf life of diammonium phosphate are described, as well as the sampling and testing methods. This document applies to diammonium hydrogen phosphate, a feed additive produced by chemical synthesis from liquid ammonia and phosphoric acid (including wet-process phosphoric acid).

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);

2.Vitamins and Vitamin-like Choline Chloride (GB 7300.206);

2.Vitamins and Vitamin-like Nicotinamide (GB 7300.207);

2.Vitamins and Vitamin-like L-Ascorbate Calcium (GB 7300.208);

2.Vitamins and Vitamin B12-like Cyanocobalamin (Vitamin B12) (GB 7300.209);

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 Moisture GB 10648 Feed Label

GB/T 13079 Determination of total arsenic in feed

GB/T 13080 Determination of Lead in Feed by Atomic Absorption Spectrometry

GB/T 13083 Determination of Fluorine in Feed - Ion Selective Electrode Method GB/T 14699 Feed Sampling

NY/T 4689 Turbidimetric method for testing the limits of heavy metals in feed additives

4.2 Chemical formula. $(\text{NH}_4)_2\text{HPO}_4$

4.3 Relative molecular mass. 132.06 (based on 2024 international relative atomic mass)

4.4 Structural Formula.

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);

8.Preservatives, fungicides and acidity regulators, calcium citrate (GB 7300.807);

8.Preservatives, fungicides and acidity regulators, sodium diacetate (GB 7300.808);

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.

---Amino acids, amino acid salts and their analogues;

---Vitamins and vitamin-like substances;

---Mineral elements and their complexes;