

ICS 65.120
CCS B46



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

GB 7300.404-2025

Feed additives - Part 4: Enzymes - beta-Mannanase

饲料添加剂 第4部分：酶制剂 β -甘露聚糖酶

Issued on: June 30, 2025

Implemented on: July 1, 2026

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

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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 404 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 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 7300.404-2025 is the Chinese national standard on feed additives - part 4: enzymes - beta-mannanase, 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 defines the terms and definitions, and stipulates the technical requirements, sampling, inspection rules and labeling of feed additive beta-mannanase. Packaging, transportation, storage and shelf life, and describes the test methods. This document applies to feed additives that are fermented with the strains specified in the "Feed Additives Catalogue", separated, and made with or without carriers. Feed additive beta-mannanase.

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 5917.1 Determination of particle size of ground feeds - Two-layer sieve method

GB/T 6435 Determination of moisture in feed

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

GB 10648 Feed Labeling

GB 13078 Feed Hygiene Standard

GB/T 13079 Determination of total arsenic in feed

GB/T 13080 Determination of lead in feed - Atomic absorption spectrometry

GB/T 13081 Determination of mercury in feed

GB/T 13082 Determination of cadmium in feed

GB/T 13091 Determination of Salmonella in feed GB/T 14699 Feed Sampling

GB/T 18869 Determination of coliform bacteria in feed

GB/T 30956 Determination of deoxynivalenol in feed - Immunoaffinity column cleanup-high performance liquid chromatography method

GB/T 36861 Feed additives - Determination of beta-mannanase activity - Spectrophotometric method

GB/T 42959 Sampling for microbiological testing of feed

3 Terms and Definitions

The following terms and definitions apply to this document. 3.1 beta-mannanase
beta-1,4-mannanase A class of endohydrolases that can hydrolyze mannooligosaccharides
and mannopolysaccharides containing beta-1,4-mannosidic bonds.

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