

ICS 65.120
CCS B46



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

GB 7300.505-2025

**Feed additives - Part 5: Live microorganisms - Bacillus
coagulans**

饲料添加剂 第5部分：微生物 凝结芽孢杆菌

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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 part is Part 505 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 7300.505-2025 is the Chinese national standard on feed additives - part 5: live microorganisms - *Bacillus coagulans*, 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 specifies the raw materials and strains, technical requirements, sampling, inspection rules, labeling, packaging, transportation, etc. of feed additive *Bacillus coagulans*. transportation, storage and shelf life, and describes the corresponding test methods. This document applies to feed additives made with *Bacillus coagulans* as the strain, through fermentation, addition or non-addition of carriers, drying and other processes. *Bacillus coagulans*.

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/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 13092 Determination of total mold count in feed GB/T 14699 Feed Sampling

GB/T 18869-2019 Determination of coliform bacteria in feed

GB/T 42959 Sampling for microbiological testing of feed

NY/T 2071 Determination of aflatoxins, zearalenone and T-2 toxin in feeds by liquid chromatography-tandem mass spectrometry

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 *Bacillus coagulans* Weizmannia coagulans It belongs to the phylum Firmicutes, family Bacillaceae, genus Heindrixella.

Note. Gram staining is positive, individual bacteria are oval or rod-shaped, without flagella, and produce spores. The spores are oval or spherical and are located in the sporangium. Lively and athletic.