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

GB 7300.402-2020

Feed additives - Part 4: Enzymes - Phytase

饲料添加剂 第4部分：酶制剂 植酸酶

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Foreword

GB 7300 "Feed Additives" is divided into several parts according to products. This part is part 402 of GB 7300. This section was drafted in accordance with the rules given in GB/T 1.1-2009. Please note that certain contents of this document may involve patents. The issuing agency of this document is not responsible for identifying these patents. This part is proposed and managed by the Ministry of Agriculture and Rural Affairs of the People's Republic of China. Feed Additives Part

1 Scope

GB 7300.402-2020 is the Chinese national standard on feed additives - part 4: enzymes - phytase, 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 11 October 2020 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 May 2021. 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 part of GB 7300 specifies the technical requirements, sampling, test methods, inspection rules, labels, packaging of feed additive phytase products. Loading, transportation, storage and shelf life. This part is applicable to the use of *Aspergillus niger*, *Aspergillus oryzae*, *Trichoderma longibrachiatum* or *Pichia pastoris* as strains, after liquid fermentation, separation, purification, with or without adding Load the feed additive phytase obtained by the system. This section does not apply to phytase for aquatic products.

2 Normative references

The following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this article. For undated references, the latest version (including all amendments) applies to this document.

GB/T 5917.1 Two-layer sieve sieving method for feed crushing particle size determination

GB/T 6435 Determination of moisture in feed GB 10648 Feed label

GB 13078 Feed Hygienic 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 Method for determination of cadmium in feed

GB/T 13091 Determination of Salmonella in Feed

GB/T 14699.1 Feed sampling

GB/T 18634 Determination of phytase activity for feed Spectrophotometric method

GB/T 18869 Determination of coliform in feed

GB/T 30956 Determination of deoxynivalenol in feedstuff immunoaffinity column purification-high performance liquid chromatography

NY/T 2071 Determination of aflatoxin, zearalenone and T-2 toxin in feed. Liquid chromatography-tandem mass spectrometry List of feed ingredients (Ministry of Agriculture of the People's Republic of China) Catalogue of Feed Additives (Ministry of Agriculture of the People's Republic of China)

3 Technical requirements

3.1 Carrier The carrier should be the variety specified in the "Catalogue of Feed Ingredients" or "Catalogue of Feed Additives" and meet the requirements of GB 13078.

3.2 Appearance and traits

3.2.1 Solid dosage form Uniform particle size, good flowability, no moldy, no peculiar smell.