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CCS B46



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

GB 7300.401-2019

Feed additives - Part 4: Enzymes - Xylanase

饲料添加剂 第4部分：酶制剂 木聚糖酶

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Foreword

Chapters 1, 4, 5, and 6 of this part are mandatory, and the rest are recommended. GB 7300 "feed additives" is divided into several parts by product. This section is Part 401 of GB 7300. This section is drafted in accordance with the rules given in GB/T 1.1-2009. Please note that some elements of this document may involve patents. The issuer of this document is not responsible for identifying these patents. This section is proposed and managed by the Ministry of Agriculture and Rural Affairs of the People's Republic of China. This section was drafted. Beijing Institute of Animal Science and Veterinary Medicine, Chinese Academy of Agricultural Sciences, Wuhan Xinhuiyang Biological Co., Ltd., Guangdong Yiduo Lee Biotechnology Co., Ltd. The main drafters of this section. Dong Xiaofang, Tong Jianming, Zhan Zhichun, Liang Xuexia, Zhan Liansheng. Feed additives. Part 4. Enzyme preparations xylanase

1 Scope

GB 7300.401-2019 is the Chinese national standard on feed additives - part 4: enzymes - xylanase, 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 17 December 2019 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 July 2020. 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 terms and definitions, technical requirements, test methods, inspection rules and standards of feed additive xylanase. Signing, packaging, transportation, storage and shelf life. This section applies to liquid or solid feed additives xylanases produced by *Pichia pastoris* liquid fermentation with or without supplementary ingredients.

2 Normative references

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

GB/T 5917.1 Determination of feed crushing particle size

GB/T 6435 Determination of moisture in feed

GB/T 6682 Analytical laboratory water specifications and test methods

GB/T 8170 Numerical rounding rules and expression and judgment of limit values GB 10648 feed label

GB 13078 feed hygiene standards

GB/T 13079 Determination of total arsenic in feed

GB/T 13080 Determination of lead in feeds 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 14699.1 Feed sampling

GB/T 18869 Determination of coliform bacteria in feed

GB/T 23874 Determination of xylanase activity of feed additives Spectrophotometry

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Xylanaseactivityunit The amount of enzyme required to release 1 μmol of reducing sugar from a 5 mg/mL xylan solution per minute at 37 ° C and pH

5.5 is. 1 xylanase activity unit (U).