

ICS 65.120
CCS B46



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

GB 36898-2018

Feed additive - D-biotin

饲料添加剂 D-生物素

Issued on: December 28, 2018

Implemented on: January 1, 2020

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

Table of Contents

Foreword

1 Scope

About this edition

Classification and status

How a Chinese national standard is set out

About this English translation

Foreword

Chapters 1, 4 and 6 of this standard are mandatory and the rest are recommended. This standard was drafted in accordance with the rules given in GB/T 1.1-2009. This standard is proposed and managed by the Ministry of Agriculture and Rural Affairs of the People's Republic of China. This standard was drafted. Zhejiang Veterinary Medicine Feed Monitoring Institute, Zhejiang Pharmaceutical Co., Ltd., Zhejiang Xinhecheng Co., Ltd., Zhejiang Shengda Biopharmaceutical Co., Ltd. The main drafters of this standard. Ren Yuqin, Qi Jun, Zhu Congying, Huang Juan, Zhang Xiaoli, Wu Wangjun, Zhang Housheng, Zhang Liying, Yang Jinshu, Zhang Weijiang, Chen Yuli, Mena. Feed additive D-biotin

1 Scope

GB 36898-2018 is the Chinese national standard on feed additive - d-biotin, 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 28 December 2018 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 January 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 standard specifies the chemical name, molecular formula, relative molecular mass, chemical structural formula requirements, test side of feed additive D-biotin. Law, inspection rules, labeling, packaging, transportation, storage and shelf life. This standard is applicable to the feed additive D-biotin prepared by chemical synthesis using ketene or benzoic acid as raw material.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article. Pieces. For undated references, the latest edition (including all amendments) applies to this document. Preparation of preparations and products used in

GB/T 603 chemical reagent test method

GB 4806.6 National Food Safety Standard Food Contact Plastic Resin

GB/T 6040-2002 General rules for infrared spectroscopy

GB/T 6678-2003 General rules for sampling of chemical products

GB/T 6679-2003 General rules for sampling of solid chemical products

GB/T 6682 Analytical laboratory water specifications and test methods GB 10648 feed label

GB/T 13079-2006 Determination of total arsenic in feed

GB/T 21781 chemical melting point and melting range test method capillary method

3 Chemical name, molecular formula, relative molecular mass and structural formula

Chemical name. 5-[(3aS,4S,6aR)-2-oxohexahydro-1H-thieno[3,4-d]imidazol-4-yl]pentanoic acid Molecular formula. C₁₀H₁₆N₂O₃S Relative molecular mass. 244.31 (according to.2016 international relative atomic mass) Structure.

4.1 Appearance and traits This product is a white or off-white crystalline or crystalline powder. Dissolved in dilute alkali solution, slightly soluble in dilute acid solution, in water, ethanol Very slightly soluble, almost insoluble in acetonitrile, acetone and chloroform.