

ICS 65.120
CCS B46



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

GB 7300.202-2019

**Feed additives Part 2: Vitamins, provitamins and chemically
well-defined substances having similar effect Vitamin D3 oily
form**

饲料添加剂 第2部分：维生素及类维生素 维生素D3油

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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 part is Part 202 of GB 7300. This section is drafted in accordance with the rules given in GB/T 1.1-2009. This section is proposed and managed by the Ministry of Agriculture and Rural Affairs of the People's Republic of China. Drafting organization of this section. Institute of Agricultural Quality Standards and Testing Technology, Chinese Academy of Agricultural Sciences [National Feed Quality Supervision and Inspection Center (Beijing)], Zhejiang Veterinary Feed Supervision Institute, Zhejiang Huayuan Biotech Co., Ltd., and Zhejiang Xinhecheng Co., Ltd. The main drafters of this section. Zhao Xiaoyang, Qian Guoping, Yang Jinshu, Xu Siyuan, Tian Jing, Shi Xingfen, Yao Yuanyuan. Feed additives. Part 2. Vitamins and retinoids Vitamin D3 oil

1 Scope

GB 7300.202-2019 is the Chinese national standard on feed additives part 2: vitamins, provitamins and chemically well-defined substances having similar effect vitamin d3 oily form, 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 requirements, test methods, inspection rules and labels, packaging, transportation, Storage and shelf life. This section applies to the chemically synthesized vitamin D3 resin oil starting from lanolin cholesterol, dissolved in vegetable oil, and formulated with Vitamin D3 oil, a feed additive made with the right amount of antioxidants.

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. For undated references, the latest version (including all amendments) applies to this document.

GB/T 601 chemical reagent standard titration solution

GB/T 602 Preparation of standard solutions for impurity determination of chemical reagents
Preparation of preparations and products used in

GB/T 603 chemical reagent test method

GB 5009.227 National Food Safety Standard Determination of Peroxide Value

GB 5009.229-2016 National Food Safety Standard Determination of Acid Value

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 14699.1 Feed sampling

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

Chemical name. (5Z, 7E) -9,10-ring-opening cholesterol-5,7,10 (19) -triene-3 β -ol

Molecular formula. C₂₇H₄₄O Relative molecular mass. 384.65 (calculated as C₂₇H₄₄O, calculated according to the 2016 International Relative Atomic Mass Table) Structural formula.

4 Requirements

4.1 Product Specifications Not less than 1 million IU/g, an international unit of vitamin D₃ is equivalent to 0.025 μ g.