

ICS 65.120
CCS B46



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

GB 7302-2018

Replacing GB/T 7302-2008

Feed additive - Folic acid

饲料添加剂 叶酸

Issued on: December 28, 2018

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

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Foreword

Chapters 1, 4 and 6 of this standard are mandatory and the rest are recommended. This standard is written in accordance with the rules given in GB/T 1.1-2009. This standard replaces GB/T 7302-2008 "feed additive folic acid". The main technical differences between this standard and GB/T 7302-2008 are.

--- Appearance and traits increase the number of tiny particles (see 4.1);

--- Change the dry weight loss to moisture, using Karl Fischer assay (see 4.2);

--- Increased the requirement for heavy metals (in terms of Pb) not greater than 10.0 mg/kg (see 4.2);

--- Increased the requirement for total arsenic not more than 2.0mg/kg (see 4.2). 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. National Feed Quality Supervision and Inspection Center (Wuhan), DSM Vitamins (Shanghai) Co., Ltd. The main drafters of this standard. Liu Xiaomin, Zhang Jin, Gao Lihong, Xiao Ping, Wang Jun, Wang Sisi, Gao Junfeng, Huang Ting. The previous versions of GB/T 7302-2008 were released as follows:

---GB 7302-1987. Feed additive folic acid

1 Scope

GB 7302-2018 is the Chinese national standard on feed additive - folic acid, 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 requirements, test methods, inspection rules and labeling, packaging, transportation and storage of folic acid for feed additives. This standard applies to the feed additive folic acid prepared by chemical synthesis.

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

GB/T 601 chemical reagent standard titration solution Preparation of standard solution for

GB/T 602 chemical reagent impurity determination Preparation of preparations and products used in

GB/T 603 chemical reagent test method

GB/T 606 General method for moisture determination of chemical reagents Karl Fischer method

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

GB/T 13079 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.

N-{4-[(2-Amino-4-oxo-1,4-dihydro-6-pteridiny)l)methylamino]benzoyl}-L-glutamic acid

Molecular formula. C₁₉H₁₉N₇O₆

6 Relative molecular mass. 441.40 (calculated as C₁₉H₁₉N₇O₆, according to the.2016 International Relative Atomic Mass Table) Structure.

4.1 Appearance and traits This product is yellow or orange-yellow crystalline powder or tiny particles, odorless and tasteless. Not in water, ethanol, acetone, chloroform or ether Dissolved, dissolved in a dilute solution of alkali hydroxide or sodium carbonate.