

ICS 65.120
CCS B46



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

GB 7300.301-2019

**Feed additives - Part 3: Minerals and their complexes (or
chelates) - Potassium iodide**

饲料添加剂 第3部分：矿物元素及其络(螯)合物 碘化钾

Issued on: December 17, 2019

Implemented on: July 1, 2020

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

Table of Contents

- 1 Scope
- 2 Normative references
- 4 Technical requirements

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 301 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. CNOOC Tianjin Chemical Research and Design Institute Co., Ltd., Chengdu Shuxing Feed Co., Ltd. The main drafters of this section. Li Tuo, Li Hecun, Wang Shaohui, Zhang Xianwen, Guo Fengxin, Li Xia, Zhao Meijing. Feed additives Part 3. Mineral elements and their complexes (chelates) Potassium iodide

1 Scope

GB 7300.301-2019 is the Chinese national standard on feed additives - part 3: minerals and their complexes (or chelates) - potassium iodide, 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 technical requirements, test methods, inspection rules, labels, signs, packaging, transportation Loss, storage and shelf life. This section applies to feed additive potassium iodide produced by formic acid reduction method using iodine and potassium hydroxide as raw materials.

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. Preparation of

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/T 6003.1-2012 Test sieve technical requirements and inspection Part 1. Wire woven
mesh test sieve

GB/T 6435-2014 Determination of moisture in feed

GB/T 6678 General sampling rules for chemical products

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/T 13079-2006 Determination of total arsenic in feed

GB/T 13080 Determination of lead in feeds Atomic absorption spectrometry

GB/T 23947.2-2009 General method for the determination of arsenic in inorganic chemical
products. Part 2. Arsenic spot method

3 Chemical name, molecular formula and relative molecular mass Chemical name.
potassium iodide Molecular formula. KI Relative molecular mass. 166.00 (according to.2016
international relative atomic mass)

4 Technical requirements

4.1 Appearance and properties This product is white crystalline particles or powder.

4.2 Identification The identification of iodine ion and potassium ion should show positive
reaction respectively.