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CCS B46



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

GB 7300.801-2019

**Feed additives - Part 8: Preservatives and acidity regulators -
Sodium bicarbonate**

饲料添加剂 第8部分：防腐剂、防霉剂和酸度调节剂 碳酸氢钠

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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 801 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. Feed Research Institute of Chinese Academy of Agricultural Sciences, CNOOC Tianjin Chemical Research and Design Institute Co., Ltd. The main drafters of this section. Qiao Yu, Ding Ling, Wang Qi, Peng Qing, Shi Bo, Xu Xiaoqing, Zhang Yuwei, Wei Chenyang. Feed additives Part 8. Preservatives, mildew inhibitors and acidity regulators Sodium bicarbonate

1 Scope

GB 7300.801-2019 is the Chinese national standard on feed additives - part 8: preservatives and acidity regulators - sodium bicarbonate, 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, labeling, packaging, and transportation of feed additive sodium bicarbonate. Loss, storage and shelf life. This section applies to feed additive sodium bicarbonate produced by trona method, soda ash method and ammonium carbonate method.

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 5009.74 National Food Safety Standard Limit Test for Heavy Metals in Food Additives

GB/T 6682 Analytical laboratory water specifications and test methods

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

GB/T 9724 General rules for the determination of pH value of chemical reagents
GB 10648 feed label

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

GB/T 13082 Determination of cadmium in feed

GB/T 14699.1 Feed sampling

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

Chemical name. sodium bicarbonate Molecular formula. NaHCO_3

3 Relative molecular mass. 83.99 (according to 2016 international relative atomic mass)

Structural formula.

4 Technical requirements

4.1 Appearance and properties White crystalline powder, odorless, slowly decomposes in humid air, easily soluble in water, difficult to dissolve in ethanol.