

ICS 65.120
CCS B46



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

GB 7300.1001-2020

**Feed additive - Part 10: Flavouring and appetising substances -
Sodium glutamate**

饲料添加剂 第10部分：调味和诱食物质 谷氨酸钠

Issued on: October 11, 2020

Implemented on: May 1, 2021

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

Table of Contents

- 1 Scope
- 2 Normative references
- 4 Technical requirements
- 10 Seasoning and food quality Sodium Glutamate

Foreword

GB 7300 "Feed Additives" is divided into several parts according to products. This part is part 1001 of GB 7300. This section was drafted in accordance with the rules given in GB/T 1.1-2009. Please note that certain contents of this document may involve patents. The issuing agency of this document is not responsible for identifying these patents. This part is proposed and managed by the Ministry of Agriculture and Rural Affairs of the People's Republic of China. Feed additives-Part

1 Scope

GB 7300.1001-2020 is the Chinese national standard on feed additive - part 10: flavouring and appetising substances - sodium glutamate, 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 11 October 2020 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 May 2021.

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 glutamate And storage. This section applies to the feed additive sodium glutamate made from starch, corn, molasses and other carbohydrates as raw materials through fermentation, extraction, neutralization, crystallization, separation, and drying of *Corynebacterium glutamicum* and other microorganisms.

2 Normative references

The following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this article Pieces. For undated

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

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 Determination of sodium glutamate (sodium glutamate) in monosodium glutamate in

GB 5009.43-2016 national food safety standard

GB/T 6435 Determination of moisture in feed

GB/T 6682 Analytical laboratory water specifications and test methods

GB/T 8170 Numerical rounding rules and the expression and determination of limit values
GB 10648 Feed label

GB/T 13079 Determination of total arsenic in feed

GB/T 13080 Determination of Lead in Feed Atomic Absorption Spectrometry

GB/T 14699.1 Feed sampling

3 Chemical name, molecular formula, relative molecular mass, structural formula Chemical name. L-glutamate monosodium monohydrate (L-alpha-aminoglutarate monosodium monohydrate) Molecular formula. $C_5H_8NNaO_4 \cdot H_2O$ Relative molecular mass. 187.13 (according to 2016 international relative atomic mass) Structural formula.

4 Technical requirements

4.1 Appearance and traits This product is colorless to white crystalline particles or powder, without visible impurities. It has a special umami taste and no peculiar smell.