

ICS 65.120
CCS B46



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

GB 7300.104-2022

**Feed additives - Part 1: Amino acids, their salts and analogues -
L-Valine**

饲料添加剂 第1部分：氨基酸、氨基酸盐及其类似物 L-缬氨酸

Issued on: December 29, 2022

Implemented on: January 1, 2024

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

Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 4 Chemical name, molecular formula, relative molecular mass and structural formula

Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part

1. Structure and Drafting Rules for Standardization Documents" drafting. This document is part 104 of GB 7300 "Feed Additives". GB 7300 has released the following parts.

- 1. Amino acids, amino acid salts and their analogs L-threonine (GB 7300.101);
- 1. Amino acids, amino acid salts and their analogues glycine (GB 7300.102);
- 1. Amino acids, amino acid salts and their analogs, methionine hydroxyl analogs (GB 7300.103);
- 1. Amino acids, amino acid salts and their analogs L-valine (GB 7300.104);
- 2. Vitamins and retinoids L-ascorbic acid-2-phosphate (GB 7300.201);
- 2. Vitamins and vitamin D3 oil (GB 7300.202);
- 2. Vitamins and vitamin-like betaines (GB 7300.203);
- 2. Vitamins and vitamin-like betaine hydrochloride (GB 7300.204);
- 3. Mineral elements and their complexes (chelates) Potassium iodide (GB 7300.301);
- 3. Mineral elements and their complexes (chelates) sodium selenite (GB 7300.302);
- 3. Mineral elements and their complexes (chelates) Potassium iodate (GB 7300.303);
- 4. Enzyme preparation xylanase (GB 7300.401);

1 Scope

GB 7300.104-2022 is the Chinese national standard on feed additives - part 1: amino acids, their salts and analogues - L-valine, 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 29 December 2022 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 January 2024. 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 document gives the chemical name, molecular formula, relative molecular mass and structural formula of L-valine, and specifies the feed additive L-valine. The technical requirements, inspection rules, labeling, packaging, transportation, storage and shelf life of the product describe sampling and testing methods. This document applies to corn, starch, sugar, etc. as the main raw materials, fermented with microorganisms, and made through extraction, crystallization, drying and other processes. Feed additive L-valine.

2 Normative references

The contents of the following documents constitute the essential provisions of this document through normative references in the text. Among them, dated references For documents, only the version corresponding to the date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to this document. Preparation of

GB/T 601 Chemical Reagent Standard Titration Solution

GB/T 602 Preparation of Standard Solution for Determination of Impurities in Chemical Reagents Preparation of preparations and products used in

GB/T 603 test methods for chemical reagents

GB/T 613 General method for determination of specific optical rotation power (specific optical rotation) of chemical reagents

GB/T 6435-2014 Determination of Moisture in Feed

GB/T 6438 Determination of crude ash in feed

GB/T 6682 Analytical laboratory water specifications and test methods

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

GB 10648 Feed label

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

GB/T 14699.1 Feed Sampling

3 Terms and Definitions

This document does not have terms and definitions that need to be defined.

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

4.1 Chemical name L-2-Amino-3-methylbutanoic acid.

4.2 Molecular formula $C_5H_{11}NO_2$.

chinastandards.org · PREVIEW