

ICS 71.100.01

CCS G56



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

GB/T 21896-2019

Replacing GB/T 21896-2008

2-Naphthylamine-1, 5-disulfonic acid (sulphonic Tobias acid)

2-萘胺-1, 5-二磺酸 (磺化吐氏酸)

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. This standard replaces GB/T 21896-2008 "2-naphthylamine-1,5-disulfonic acid (sulfonated tartaric acid)". Compared with GB/T 21896-2008, In addition to editorial changes, the main technical changes are as follows:

- Modified the scope of application of the standard (see Chapter 1, Chapter 1 of the.2008 edition);
- Increased CAS number (see Chapter 1);
- Revised the index of the mass fraction (amino value) of 2-naphthylamine-1,5-disulfonic acid for salting out sulfonated toast acid tide products (see Chapter 3,.2008 Chapter 3 of the edition);
- Increased the purity and isomer index of 2-naphthylamine-1,5-disulfonic acid of salted out sulfonated toast acid tide products (see Chapter 3);
- Added requirements for product packaging when sampling (see Chapter 4, Chapter 4 of the.2008 edition);
- Revised the assessment method of appearance (see 5.2, 5.2 of the.2008 version);
- Modified the chromatographic conditions of 2-naphthylamine-1,5-disulfonic acid purity measurement method (see 5.4.4,

5.4.4 of the.2008 edition). This standard was proposed by the China Petroleum and Chemical Industry Federation. This standard is under the jurisdiction of the National Dye Standardization Technical Committee (SAC/TC134). This standard was drafted. Inner Mongolia Xinya Chemical Co., Ltd., Shenyang Shenhua Institute Testing Technology Co., Ltd., and Shenyang Chemical Research Institute Co., Ltd. Company, National Dye Quality Supervision and Inspection Center. The main drafters of this standard. Li Xinyong, Yang Jiemin, Gao Lan, Xue Yan, Pu Aijun, Zhao Zhimin, and Wang Ming. The previous versions of the standards replaced by this standard are.

--- GB/T 21896-2008. 2-naphthylamine-1,5-disulfonic acid (sulfonated tartaric acid)

1 Scope

GB/T 21896-2019 is the Chinese national standard on 2-naphthylamine-1, 5-disulfonic acid (sulphonic tobiac acid), in the field of chemical technology. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 31 December 2019 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 November 2020. Classification: ICS 71.100.01, CCS G56. 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 for 2-naphthylamine-1,5-disulfonic acid (sulfonated tartaric acid), sampling, test methods, inspection rules, signs, labels, Packaging, transportation and storage. This standard applies to the quality control of 2-naphthylamine-1,5-disulfonic acid products. Structural formula. Molecular formula. $C_{10}H_9NO_6S$

2 Relative molecular mass. 303.31 (according to the international relative atomic mass in.2017) CAS No .. 117-62-4

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 Preparation of preparations and products used in

GB/T 603 chemical reagent test method

GB/T 2381-2013 Determination of insoluble matter in dyes and dye intermediates

GB/T 6678-2003 General sampling rules for chemical products

GB/T 6682-2008 Analytical laboratory water specifications and test methods

GB/T 8170-2008 Numerical rounding rules and expression and judgment of limit values

3 Requirements

See Table 1 for the quality requirements of 2-naphthylamine-1,5-disulfonic acid. Table

1 Quality requirements for 2-naphthylamine-1,5-disulfonic acid Item index Sulfuric acid
Salting out sulfotoluic acid Dry goods experiment method Article number

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