

ICS 71.100.01

CCS G56



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

GB/T 1648-2013

Replacing GB/T 1648-2007

**H-acid monosodium salt
(1-Naphthylamine-8-hydroxy-3,6-disulfonic acid monosodium
salt)**

H-酸单钠盐 (1-萘胺-8-羟基-3、6-二磺酸单钠盐)

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Quarantine of the People's Republic of China;
Standardization Administration of China**

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules. This standard replaces GB/T 1648-2007 "1- naphthylamine-8-hydroxy-3,6-disulfonic acid monosodium salt (H- acid monosodium salt)", and GB/T 1648-2007 compared to, in addition to editorial changes outside the main technical changes are as follows:

- Standard name changed to "H- acid monosodium salt (1-naphthylamine-8-hydroxy-3,6-disulfonic acid monosodium salt)";
- Increased CASRN (see Chapter 1);
- Increased H- acid monosodium salt (1-naphthylamine-8-hydroxy-3,6-disulfonic acid monosodium salt) Purity Control Project and indicators (see Chapter 3);
- Increased K- acid (1-amino-8-naphthol-4,6-dicarboxylic acid) control programs and indicators (see Chapter 3);
- Powdered modify two additional indicators Level Excellence and quality products (see Chapter 3, Section 3 of the 2007 edition);
- Modify H- acid monosodium salt (1-naphthylamine-8-hydroxy-3,6-disulfonic acid monosodium salt) cream indicators (see Chapter 3, Section 3 of the 2007 edition);
- Modified HPLC conditions for the aqueous phase sodium sulfate solution and ammonium acetate buffered aqueous solution of tetrabutylammonium bromide salt (see version 5.4,2007 5.5). The standard proposed by China Petroleum and Chemical Industry Association. This standard by the National Standardization Technical Committee Dye (SAC/TC134) centralized. This standard was drafted. Jiang Su Mingsheng Chemical Co., Chu source Advanced Technology Group Co., Ltd., Jiangsu Ji Hua Chemical Co. Secretary, Shenyang Chemical Research Institute Co., Ltd., the State Quality Supervision and Inspection Center dye. The main drafters of this standard. Pu Aijun, Songlin, Yang Peng, Chen Meifen, Liu Jie, Lu double, GUO Shi Jian, Ji-ho. This standard replaces the standards previously issued as follows:
- GB 1648-1979, GB 1648-1984, GB/T 1648-2001, GB/T 1648-2007. H- acid monosodium salt (8-hydroxy-1-naphthylamine-3,6-disulfonic acid monosodium salt) Warning

--- personnel should use this standard regular laboratory work experience. This standard does not point out all possible security asked question. Users have the responsibility to take appropriate safety and health practices and to ensure compliance with the conditions relevant national regulations.

1 Scope

GB/T 1648-2013 is the Chinese national standard on h-acid monosodium salt (1-naphthylamine-8-hydroxy-3,6-disulfonic acid monosodium salt), 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 2013 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 September 2014. 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 H- acid monosodium salt (1-naphthylamine-8-hydroxy-3,6-disulfonic acid monosodium salt) requirements, sampling, test methods, inspection rules As well as marking, labeling, packaging, transportation and storage. This standard applies to quality control H- acid monosodium salt products. Structure. Molecular formula. $C_{10}H_8O_7NS_2Na$ Molecular weight. 341.30 (according to 2009 international relative atomic mass) CASRN. 5460-09-3

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document. Preparation of

GB/T 601 chemical reagent standard titration solution

GB/T 603 chemical reagent in test methods - Preparations with

GB/T 2381-2006 Determination of substance content of dye and dye intermediates insoluble Determination of

GB/T 2386-2006 dyes and dye intermediates moisture

GB/T 6678-2003 General Principles for Sampling Chemical Products Laboratory use specifications and test methods GB/T 6682-2008 Analysis

GB/T 8170-2008 revised value represents about rules and limit values \u200b\u200band

judgment

3 Requirements

By mass H- acid monosodium salt should meet the requirements specified in Table 1.

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