

ICS 65.100

CCS G25



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

GB/T 12686-2017

Replacing GB/T 12686-2004

Glyphosate acid technical material

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

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1.0 Sodium hydroxide insoluble matter $a/(g/kg) \leq$

1.2 Nitroso glyphosate mass fraction $a/(mg/kg) \leq$

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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 12686-2004 "glyphosate original drug", compared with GB/T 12686-2004, the main technical changes are as follows:

--- Formaldehyde by the mass fraction of not more than 0.8g/kg revised to not more than 1.2g/kg;

--- Nitrosylation of glyphosate by strong anion exchange method to derivatization of the reversed-phase liquid chromatography. This standard proposed by the China Petroleum and Chemical Industry Federation. This standard by the National Standardization Technical Committee of pesticides (SAC/TC133) centralized. This standard was drafted unit. Zhejiang Xin'an Chemical Group Co., Ltd., Jiangxi Jinlong Chemical Co., Ltd., Nantong Jiangshan pesticide chemical stocks Co., Ltd., Anhui Huaxing Chemical Co., Ltd., Leshan Fuhua Tongda Pesticide Technology Co., Ltd., Hubei Taisheng Chemical Co., Ltd. Company, Zhenjiang Jiangnan Chemical Co., Ltd., Sichuan Huaying Chemical Co., Ltd., Jiangsu Good Harvest Wayne Agrochemical Co., Ltd., Guangxi Engineering Research Institute, Sanonda Co., Ltd., Shandong Weifang Runfeng Chemical Co., Ltd., Zhejiang Jinfan Biochemical Co., Ltd., Shenyang Chemical Research Institute Co., Ltd. The main drafters of this standard. Zhang Xuebing, Meibao expensive, Chen Genliang, Sun Zhaoyu, Wang Zhimin, Wang Bo, Liu Yuan Sheng, Hu Jinfeng, Gong Zhaobong, Gao Xia, Li Haiyang, Liu Weiwei, Tao Min, Liao Yan, Tang Lili, Liu Yong, Xia Jun, Yin Hongshu. This standard replaces the standards previously issued as.

--- GB 12686-1990, GB/T 12686-2004. Glyphosate original drug

1 Scope

GB/T 12686-2017 is the Chinese national standard on glyphosate acid technical material, in the field of agriculture. 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 29 December 2017 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 July 2018. Classification: ICS 65.100, CCS G25. 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 of the original glyphosate, test methods and signs, labels, packaging, storage and acceptance period. This standard applies to glyphosate and its production of impurities in the composition of the original glyphosate.

Note. Other names, structural formulas, and basic physico-chemical parameters of glyphosate and nitroso-glyphosate are given in Appendix A.

1.0 Sodium hydroxide insoluble matter $a(g/kg) \leq$

0.2 a normal production, nitroso-glyphosate mass fraction, sodium hydroxide insoluble at least once every 3 months.

Safety Tips. The use of this standard staff should have practical experience in laboratory work. This standard does not point out all the safety issues. Make

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 685 chemical reagent formaldehyde solution

GB/T 1604 commodity pesticide acceptance rules Commercial pesticides sampling method

GB 3796 Pesticide packaging General Laboratory use specifications and test methods for analysis

GB/T 6682-2008 Representation and determination of rules for repair of numerical values and limit values GB/T 8170-2008

3 Requirements

3.1 appearance White powder.

3.2 Specifications The original glyphosate should also meet the requirements of Table 1. Table 1 glyphosate original drug control project indicators Project Indicators Glyphosate mass fraction /% $\geq$

95.0 Formaldehyde mass fraction/(g/kg) ≤

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