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

GB/T 22602-2025

Replacing GB/T 22602-2008

Tebuconazole technical material

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. This document replaces GB/T 22602-2008 "Tebuconazole Technical Grade". Compared with GB/T 22602-2008, the main differences are structural adjustments and editorial changes. Aside from the modifications, the main technical changes are as follows:

---The technical specification for the mass fraction of tebuconazole has been changed (see 4.2,

3.2 in the 2008 edition);

---The technical specifications for moisture content have been changed (see 4.2,

3.2 in the 2008 edition);

---The gas chromatography method for the determination of tebuconazole mass fraction has been modified, and gas chromatography is now the arbitration method (see 5.5.1, 2008 edition). (4.3.2)

---Product inspection and acceptance have been removed (see section

4.7 of the 2008 edition);

---Added inspection rules (see Chapter 6);

---An acceptance and quality guarantee period has been added (see Chapter 7);

---Security and acceptance periods have been removed (see

5.6 of the 2008 version). Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed by the Ministry of Agriculture and Rural Affairs of the People's Republic of China. This document is under the jurisdiction of the National Technical Committee on Pesticide Standardization (SAC/TC133). This document was

drafted by: Liaoning Zhonghui Biotechnology Co., Ltd., Shenyang Shenhua Institute of Chemical Technology Testing Co., Ltd., and Shandong Binnong Technology Co., Ltd. The company, Bayer Crop Science (China) Co., Ltd., Zhejiang Shijia Technology Co., Ltd., Jiangsu Qizhou Green Chemical Co., Ltd. Jiangsu Jianpai Agrochemical Co., Ltd., and Chengwu County Chenhui Environmental Protection Technology Co., Ltd. This document was drafted by: Wang Haixia, Guo Jianfa, Han Guanghui, Cheng Mengke, Lu Zhonghua, Xu Lijuan, Hu Chunhong, Zhu Peng, Xiao Tianchi, Xi Wang, and Lü Jianjun. Li Shoufeng. The release history of this document and the document it replaces is as follows:

---First published in.2008 as GB/T 22602-2008;

1 Scope

GB/T 22602-2025 is the Chinese national standard covering tebuconazole technical - the assay by chromatography, the impurity profile, the moisture and the acidity, and the appearance, for one of the most widely used triazole fungicides. Issued on 31 October 2025, it has been in force since 1 May 2026, replacing GB/T 22602-2008.

This document specifies the technical requirements, inspection rules, acceptance procedures, and quality guarantee period for tebuconazole technical grade, as well as its marking, labeling, packaging, and storage. The test method for tebuconazole technical grade is described. This document applies to the quality control of tebuconazole technical grade products.

Note. Other names, structural formulas and basic physicochemical parameters of tebuconazole can be found in Appendix A.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 1600-2021 Method for Determination of Moisture Content in Pesticides

GB/T 1601 Method for Determination of pH Value of Pesticides

GB/T 1604 Rules for Acceptance of Commercial Pesticides

GB/T 1605-2001 Sampling Methods for Commercial Pesticides

GB 3796 General Rules for Pesticide Packaging

GB/T 8170-2008 Rules for rounding off numerical values and the representation and determination of limiting values

GB/T 19138 Determination of Acetone-Insoluble Matter in Pesticides

3 Terms and Definitions

This document does not contain any terms or definitions that need to be defined.

4 Technical Requirements

4.1 Appearance White to pale yellow powder.

4.2 Technical Specifications The technical grade tebuconazole should meet the requirements in Table 1. Table

1 Technical Specifications of Tebuconazole Technical Grade Project Indicators

Tebuconazole mass fraction/% $\geq$

97.0 Moisture/% $\leq$

0.3 Acetone-insoluble matter/% $\leq$

0.2 pH value 6.0~9.0