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

GB/T 22604-2025

Tebuconazole emulsion,oil in water

戊唑醇水乳剂

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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 22604-2008 "Tebuconazole Water Emulsion". Compared with GB/T 22604-2008, the only changes are structural adjustments and editing. Aside from the sexual alterations, the main technical changes are as follows:

---The technical specifications for the tebuconazole mass fraction in the 12.5% specification have been revised (see 4.2,

3.2 in the.2008 edition);

---The technical specification for the mass concentration of tebuconazole in the 12.5% specification has been added (see 4.2);

---The technical specifications for pH have been changed (see 4.2, 3.2 in the.2008 edition);

---The technical specifications for sustained foaming properties have been changed (see 4.2,

3.2 in the.2008 edition);

---The technical specifications for dumping residue in dumping tests have been revised (see 4.2,

3.2 in the.2008 edition);

---The technical specifications for thermal storage stability have been revised (see 4.2, 4.8 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)

1 Scope

GB/T 22604-2025 is the Chinese national standard on tebuconazole emulsion, oil in water, 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 31 October 2025 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 May 2026. Classification: ICS 65.100.30, CCS G 25. 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 specifies the technical requirements, inspection rules, acceptance procedures, quality guarantee period, marking, labeling, packaging, and storage of tebuconazole water-based emulsions. The test method for tebuconazole water emulsion is described. This document applies to the quality control of tebuconazole water-based emulsion products.

Note. Other names, structural formulas and basic physicochemical parameters of tebuconazole are given 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 1601 Method for Determination of pH Value of Pesticides

GB/T 1603 Determination of stability of pesticide emulsions

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 19136-2021 Determination of thermal storage stability of pesticides

GB/T 19137-2003 Determination of Low-Temperature Stability of Pesticides

GB/T 28137 Determination of persistent foaming properties of pesticides

GB/T 31737 Determination of Pesticide Dumping Properties

GB/T 32776-2016 Method for Determination of Pesticide Density

3 Terms and Definitions

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

4 Technical Requirements

4.1 Appearance A stable emulsion, which may separate slightly after prolonged storage; it should return to its original state with slight shaking or stirring.

4.2 Technical Specifications Tebuconazole water-based emulsions should meet the requirements of Table 1.