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

GB/T 22619-2023

Bifenthrin technical material

联苯菊酯原药

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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 22619-2008 "Bifenthrin Technical Material": Compared with GB/T 22619-2008, except for structural adjustment and editing In addition to sexual changes, the main technical changes are as follows:

- Changed the scope (see Chapter 1, Chapter 1 of the:2008 edition);
- Changed the technical requirements for bifenthrin technical material (see Chapter 4, Chapter 3 of the:2008 edition);
- Added liquid chromatography identification method (see 5:3:2);
- Added liquid chromatography method for determination of bifenthrin mass fraction (see 5:5:1);
- Changed the gas chromatography method for determination of bifenthrin mass fraction (see 5:5:2, 4:3 of the:2008 version);
- Changed the determination method of moisture (see 5:6, 4:4 of the:2008 edition);
- Changed the determination method of acidity (see 5:8, 4:6 of the:2008 edition);
- Deleted the acceptance period (see 5:7 of the:2008 version);
- Added inspection rules (see Chapter 6);
- Increased the quality guarantee period (see 7:2): Please note that some content in this document may be subject to patents: The publisher of this document assumes no responsibility for identifying patents: This document is proposed by China Petroleum and Chemical Industry Federation: This document is under the jurisdiction of the National Pesticide Standardization Technical Committee (SAC/TC133): This document was drafted by: Jiangsu Chunjiang Runtian Agricultural Chemical Co., Ltd., Nanjing Red Sun Co., Ltd., Jiangsu Soviet Chemical Technology Co., Ltd., Jiangsu Yangnong Chemical Co., Ltd., Jiangsu Changlong Agrichemical Co., Ltd., Changqing (Hubei) Biotechnology Co., Ltd.,

Hebei Saifeng Biotechnology Co., Ltd: Technology Co., Ltd., Pesticide Testing Institute of the Ministry of Agriculture and Rural Affairs: The main drafters of this document: Duan Lifang, Huang Wei, Qian Hui, Jiang Yifei, Xing Ping, Cheng Xiaohong, Jiang Youfa, Tian Qinghai, Fan Lili, Wang Qingtao: The previous versions of this document and the documents it replaces are as follows:

---First published as GB/T 22619-2008 in:2008;

---This is the first revision: Bifenthrin original drug

1 Scope

GB/T 22619-2023 is the Chinese national standard on bifenthrin 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 27 November 2023 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 June 2024. Classification: ICS 65.100.10, 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 document stipulates the technical requirements, inspection rules, acceptance and quality assurance period of bifenthrin technical materials, as well as the marking, labeling, packaging and storage This paper describes the test method for bifenthrin technical material: This document is applicable to the quality control of bifenthrin technical products:

Note: See Appendix A for other names, structural formulas and basic physical and chemical parameters of bifenthrin:

2 Normative reference documents

The contents of the following documents constitute essential provisions of this document through normative references in the text: Among them, the dated quotations For undated referenced documents, only the version corresponding to that date applies to this document; for undated referenced documents, the latest version (including all amendments) applies to this document:

GB/T 1600-2021 Pesticide moisture determination method

GB/T 1604 Commercial Pesticide Acceptance Rules

GB/T 1605-2001 Sampling methods for commercial pesticides

GB 3796 General principles for pesticide packaging

GB/T 8170-2008 Numerical rounding rules and representation and determination of limit values

GB/T 19138 Determination of acetone insoluble matter of pesticides

GB/T 28135 Determination of acidity (alkalinity) of pesticides - Indicator method

3 Terms and definitions

There are no terms or definitions to be defined in this document:

4 Technical requirements

1 Appearance White to light yellow solid, no visible foreign impurities: 4:

2 Technical indicators Bifenthrin technical material should meet the requirements of Table 1:
Table

1 Technical specifications of bifenthrin technical indicators Project indicators Bifenthrin
mass fraction/% ≥ 97 :

0 Moisture/% ≤ 0.5