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

GB 22621-2008

Replacing GB/T 22621-2008, GB/T 22622-2008

Propamocarb technical

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(English Translation)

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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 22621-2008 "Propomocarb Technical Specification" and GB/T 22622-2008 "Propomocarb Hydrochloride Aqueous Preparation", and is consistent with Compared with GB/T 22621-2008 and GB/T 22622-2008, in addition to structural adjustments and editorial changes, the main technical changes are as follows.

---Change propamocarb hydrochloride aqueous agent to propamocarb hydrochloride soluble agent (see Chapter 1, GB/T 22622-2008 Chapter 1);

---Added propamocarb hydrochloride technical control items and indicators (see 4.2);

---Change the mass fraction of acetone-insoluble matter in the control project indicators of propamocarb technical material to the mass fraction of water-insoluble matter (see 4.2, 3.2) of GB/T 22621-2008;

---Added propamocarb hydrochloride soluble chloride ion mass fraction, propamocarb mass fraction and mass concentration control items and guidelines Standard (see 4.2); Added permanent foaming control items, indicators and measurement methods (see 4.2, 5.11); pH value changed from "3.0~7.0" Changed to "3.5~6.5" (see 4.2, 3.2 of GB/T 22622-2008); deleted water-insoluble matter control items and measurement methods (See 3.2 and 4.4 of GB/T 22622-2008);

--- Added chloride ion identification test and chloride ion mass fraction determination in propamocarb hydrochloride technical drug and propamocarb hydrochloride soluble preparation.

Methods (see 5.3.2, 5.6);

---Change the determination method of propamocarb mass fraction and propamocarb hydrochloride mass fraction from "liquid chromatography" to "gas chromatography" (See 5.5, 4.3 and Appendix A of GB/T 22621-2008, 4.3 and Appendix A of GB/T 22622-2008);

---Deleted the acceptance period of propamocarb technical material (see 5.6 of GB/T 22621-2008);

---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.

1 Scope

This document stipulates the technical requirements, inspection rules, and acceptance of propamocarb technical material, propamocarb hydrochloride technical material, and propamocarb hydrochloride soluble preparation.

and quality guarantee period, as well as signs, labels, packaging, storage and transportation, describing propamocarb technical material, propamocarb hydrochloride technical material, propamocarb hydrochloride soluble agent test methods.

This document is applicable to the quality control of propamocarb technical product, propamocarb hydrochloride technical product, and propamocarb hydrochloride soluble product.

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

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 1601 Determination of pH value of pesticides 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 14825-2006 Method for determination of pesticide suspension rate GB/T 19136-2021 Determination method of thermal storage stability of pesticides GB/T 19137-2003 Method for determination of low-temperature stability of

pesticides GB/T 28136-2011 Method for determination of water-insoluble pesticides GB/T 28137 Determination method of persistent foaming property of pesticides GB/T 32776-2016 Pesticide density determination method

3 Terms and definitions

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

4.1 Appearance

The original drug of propamocarb is a light yellow to yellow oily homogeneous liquid; the original drug of propamocarb hydrochloride is a white crystal; the hydrochloride of propamocarb is soluble the agent is a homogeneous liquid with no visible suspended matter or sediment.

4.2 Technical indicators

Propamocarb technical material, propamocarb hydrochloride technical material, and propamocarb hydrochloride soluble agent should meet the requirements of Table 1, Table 2, and Table 3 respectively.