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

GB 6695-1998

Replacing GB/T 6695-1998

**Fenvalerate emulsifiable concentrate
(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 6695-1998 "20% Cypermethrin Emulsifiable Concentrate". Compared with GB/T 6695-1998, the main differences are structural adjustments and revisions.

Aside from the logical changes, the main technical changes are as follows.

- Two new specifications, 25% and 40%, have been added (see 4.2);
- Added persistent foaming properties indicators and testing methods (see 4.2 and 5.9);
- The method for determining the mass fraction of cypermethrin has been revised (see 5.5, 4.3 of the 1998 edition, and Appendix A);
- The method for determining moisture content has been changed (see 5.6, 4.4 in the 1998 edition);
- The method for determining acidity has been changed (see 5.7, 4.5 in the 1998 edition);
- The method for determining emulsion stability has been changed (see 5.8, 4.6 in the 1998 edition);
- The method for determining low-temperature stability has been changed (see 5.10, 4.7 of the 1998 edition);
- The method for determining the stability of thermal storage has been changed (see 5.11, 4.8 of the 1998 edition);

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

---The packaging has been changed (see 8.1, 5.2 of the 1998 edition);

---Security has been removed (see 5.6 of the 1998 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).

1 Scope

This document specifies the technical requirements, inspection rules, acceptance and quality guarantee period, as well as marking, labeling, packaging, storage and transportation of cypermethrin emulsifiable concentrate.

The test method for cypermethrin emulsifiable concentrate is described.

This document applies to the quality control of cypermethrin emulsifiable concentrate products.

Note: For other names, structural formulas and basic physicochemical parameters of cypermethrin, please refer to 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 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 4838 Packaging of pesticide emulsifiable concentrates 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 28135-2011 Determination of Acidity (Alkalinity) of Pesticides - Indicator Method GB/T 28137 Determination of persistent foaming properties of pesticides 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.

4.1 Appearance

A stable homogeneous liquid, free of visible suspended matter and precipitate.

4.2 Technical Specifications

Cypermethrin emulsifiable concentrate should meet the requirements of Table 1.