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

GB/T 6695-2025

Replacing GB/T 6695-1998

Fenvalerate emulsifiable concentrate

氰戊菊酯乳油

Issued on: October 5, 2025

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**Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC**

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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 4.3 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);

1 Scope

GB/T 6695-2025 is the Chinese national standard covering the formulated fenvalerate EC - the active content and the isomer ratio, the emulsion stability in hard water and the persistence of the emulsion once diluted, the flash point of the solvent, and the storage

stability. It replaces GB/T 6695-1998, a standard twenty-seven years old, with the technical material standard GB/T 6694-2025. In force from 1 May 2026. Issued on 5 October 2025, it has been in force since 1 May 2026, replacing GB/T 6695-1998.

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 Technical Requirements

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.

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