

ICS 65.100.20
CCS G 25



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

GB 22616-2008

**Fenoxaprop-P-ethyl
(English Translation)**

Issued on: January 1, 1970

Implemented on: January 1, 1970

**Issued by: State Administration of Market Supervision and
Administration**

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part 1: Structure and Drafting Rules of Standardization Documents" Drafting.

This document replaces GB/T 22616-2008 "Fenoxaprop-p-ethyl Technical", GB/T 22617-2008 "Fenoxaprop-p-ethyl Aqueous Emulsion" and GB/T 22618-2008 "Fenoxaprop-ethyl EC", and GB/T 22616-2008, GB/T 22617-2008, GB/T 22618-2008 in comparison, the main technical changes are as follows.

---Modified the quality score index of fenoxaprop-p-ethyl technical; added 10% specifications to fenoxaprop-p-ethyl aqueous emulsion and emulsifiable concentrate (see 4.2; GB/T 22616-2008 version 3.2, GB/T 22617-2008 version 3.2, GB/T 22618-2008 version 3.2).

---The R-enantiomeric ratio control item was added to the water emulsion and emulsifiable concentrate of fenoxaprop-p-ethyl Ethoxylin; Fenoxaprop-p-ethyl EC increases the long-lasting foaming control item; the R-enantiomer ratio is increased in the heat storage stability test Examples and pH measurement items (see 4.2, 3.2, 4.9 of GB/T 22617-2008 edition, 3.2, GB/T 22618-2008 edition 4.8).

---Modified the determination method of fenoxaprop-p-ethyl (see 5.4, 5.5, 5.6; GB/T 22616-2008 version 4.3.2, 4.3.1, Appendix A, GB/T 22617-2008 version 4.3.2, 4.3.1, Appendix A, GB/T 22618-2008 version 4.3.2, 4.3.1, Appendix A).

---Change the acceptance period of 1 month for Fenoxaprop-p-ethyl technical to 2 years of quality assurance period (see 6.2, GB/T 22616-2008 version 5).

1 Scope

This document specifies the requirements, test methods, acceptance and quality assurance period, as well as marks and standards for the technical specifications, water emulsions, and emulsifiable concentrates of fenoxaprop-p-ethyl.

Sign, package, store and transport.

This document is applicable to the quality control of the original medicine, water emulsion, and emulsifiable concentrate of fine oxazofop-p-ethyl.

Note: Refer to Appendix A for other names, structural formulas and basic physical and chemical parameters of fenoxaprop-p-ethyl and pyrfenapyr-methyl.

2 Normative references

The contents of the following documents constitute the indispensable clauses of this document through normative references in the text. Among them, dated quotations Only the version corresponding to that date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to this document.

GB/T 1600-2001 Pesticide moisture determination method GB/T 1601 Method for determination of pH value of pesticides GB/T 1603 Determination of the stability of pesticide emulsions GB/T 1604 Acceptance Rules for Commodity Pesticides GB/T 1605-2001 Commercial pesticide sampling method GB 3796 General Rules for Pesticide Packaging GB 4838 Pesticide Emulsifiable Concentrate Packaging GB/T 6682-2008 Analytical laboratory water specifications and test methods GB/T 8170-2008 Numerical rounding rules and the expression and determination of limit values GB/T 19136-2003 Method for determination of thermal storage stability of pesticides GB/T 19137-2003 Method for determination of low temperature stability of pesticides GB/T 19138 Method for determination of pesticides insoluble in acetone GB/T 28137 Determination method for persistent foaming of pesticides GB/T 31737 Method for determination of pesticide dumping GB/T 32776 Method for determination of pesticide density

3 Terms and definitions

There are no terms and definitions that need to be defined in this document.

4.1 Appearance

The original medicine of Fenoxaprop-p-ethyl is a white to light yellow loose powder with no visible foreign impurities.

Fenoxaprop-p-ethyl water emulsion is a stable emulsion. A small amount of layering is allowed after long-term storage. It should be restored to its original state after slight shaking

or agitation.

There are clumps.