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

GB 20696-2006

Lambda-cyhalothrin emulsifiable concentrate
(English Translation)

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard replaces GB/T 20696-2006 "Lambda-cyhalothrin EC". Compared with GB/T 20696-2006, this standard except for the main technical changes besides the editorial modification are as follows.

- Modified the description about the appearance (see 3.1, 3.1 in the 2006 edition);
- The label value of the mass score of lambda-cyhalothrin has been deleted, the specific mass score value has been added, and the upper and lower limits have been specified (see 3.2, 3.2 of the 2006 edition);
- Revised the pH indicator (see 3.2, 3.2 in the 2006 edition);
- Deleted moisture control items, indicators and analysis methods (see 3.2 and 4.4 in the 2006 edition);
- Modified the emulsion stability, low temperature stability, and thermal storage stability indicators (see 3.2, 3.2 in the 2006 edition);
- Added persistent foaming control items, indicators and analysis methods (see 3.2 and 4.6);
- Modified the solvent of the internal standard solution of gas chromatography (see 4.3.2.2.5, 4.3.2.2 of the 2006 edition);
- Modified the description of thermal storage stability (see 4.8, 4.8 in 2006 edition);
- Added a chapter "Inspection Rules" (see Chapter 5);
- Adjust "sampling" to the chapter "inspection rules", and change the title to "sampling" (see 5.1, 4.1 in 2006 edition).

This standard was proposed by the China Petroleum and Chemical Industry Federation.

This standard is under the jurisdiction of the National Pesticide Standardization Technical Committee (SAC/TC133).

Drafting organizations of this standard. Guangxi Tianyuan Biochemical Co., Ltd., Syngenta Nantong Crop Protection Co., Ltd., Anhui Meilan Agricultural Development Co., Ltd., Jiangsu Yangnong Chemical Co., Ltd., Jinan Tianbang Chemical Co., Ltd., Jiangxi Zhengbang Crop Protection Co., Ltd., Jiangsu Dongbao Agrochemical Co., Ltd., Yixing Xingnong Chemical Products Co., Ltd., Shenyang Research Institute of Chemical Industry Co., Ltd.

1 Scope

This standard specifies the technical requirements, test methods, inspection rules, acceptance and quality assurance periods, signs, and symbols of Lambda-cyhalothrin EC.

Labeling, packaging, storage and transportation.

This standard applies to the lambda-cyhalothrin EC prepared by dissolving the lambda-cyhalothrin technical medicine and emulsifier in a suitable solvent.

Note: See Appendix A for other names, structural formulas and basic physical and chemical parameters of lambda-cyhalothrin.

2 Normative references

The following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this article Pieces. For undated reference documents, the latest version (including all amendments) is applicable to this document.

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 4838 Pesticide Emulsifiable Concentrate Packaging 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 28137 Determination method for persistent foaming of pesticides GB/T 32776-2016 Method for determination of pesticide density

3.1 Appearance

Homogeneous oily liquid, without obvious suspended solids and precipitation.

3.2 Technical indicators

Lambda-cyhalothrin EC should meet the requirements of Table 1.