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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 15670.26-2017

Replacing GB/T 15670-1995

Toxicological test methods for pesticides registration - Part 26: Chronic toxicity study

农药登记毒理学试验方法 第26部分：慢性毒性试验

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Foreword

GB/T 15670 "pesticide registration toxicology test method" is divided into the following sections.

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--- Part 2. Acute oral toxicity test Horn's method;

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--- Part 4. Acute oral toxicity test probability unit method;

--- Part 5. Acute dermal toxicity test;

--- Part 6. Acute inhalation toxicity test;

--- Part 7. Skin irritation/corrosivity test;

--- Part 8. Acute eye irritation/corrosiveness test;

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--- Part 10. Short-term repeated oral toxicity (28 days) toxicity test;

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--- Part 12. Short-term repeated inhalation exposure (28 days) toxicity test;

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1 Scope

GB/T 15670.26-2017 is the Chinese national standard on toxicological test methods for pesticides registration - part 26: chronic toxicity study, in the field of agriculture. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 12 July 2017 by the General

Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 February 2018. Classification: ICS 65.100, CCS B17. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This section GB/T 15670 specifies the basic principles, methods and requirements of chronic toxicity test. This section applies to pesticides registered chronic toxicity test.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB 14925 laboratory animal environment and facilities

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Chronic toxicity of chronic toxicity The effects of health damage caused by repeated exposure of the animal to the test substance over most of the normal life cycle.

3.2 No observed adverse effect dose level noobservedadverseeffectlevel; NOAEL Under the specified test conditions, the use of existing technical means and test indicators, failed to observe the toxicity of the test-related substances the most High dose or concentration.

3.3 The lowest dose observed for adverse effects lowestobservedadverseeffectlevel; LOAEL Under the specified test conditions, the use of the existing technical means and test indicators, and observed the harmful effects of exposure to the test substance minimum agent Amount or concentration.

3.4 Target organ targetorgan The test substance causes significant toxic effects on the body.

4 Test purposes

Repeatedly given a certain way by repeated doses of test animals in different doses of the test animals to observe the chronic toxicity effect, severity Degrees, reversibility of target organs and lesions, determination of no observed NOAEL and observed adverse effects Minimum dose of water LOAEL provides the basis for formulating human daily intake allowance (ADI) for this pesticide.

5 Test Overview

Experimental animals in the normal life cycle of repeated oral, percutaneous or respiratory tract by different doses of the test substance, exposure