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CCS B46



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

**GB/T 22488-2008**

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**Principle of aquafeed safety evaluation - Sub-acute toxicity test**

水产饲料安全性评价 亚急性毒性试验规程

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### Foreword

This standard is in the see GB 15193.13-2003 "30 and 90 days feeding test", NY/T 1031-2006 "Feed Safety Review Base price subacute toxicity test" and the domestic and foreign literature, depending on the level of technological development of research to develop. This standard by the National Standardization Technical Committee Feed Industry and focal points. This standard was drafted. Feed Research Institute, Chinese Academy of Agricultural Sciences, National Aquaculture feed safety assessment base. The main drafters of this standard. Xue Min, Liu Haiyan, Wu Xiufeng. Aquafeed safety evaluation Sub-acute toxicity testing procedures

### 1 Scope

GB/T 22488-2008 is the Chinese national standard on principle of aquafeed safety evaluation - sub-acute toxicity test, 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 4 November 2008 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 2009. Classification: ICS 65.120, CCS B46. 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 standard specifies the safety evaluation aquafeeds basic technical requirements for sub-acute toxicity testing procedures. This standard applies to aquatic feed, aquatic feed raw materials and aquatic feed additive safety evaluation, not including feed add drugs Additives.

### 2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including

errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 5917.1 Determination of Particle Size of Feed two sieve method

GB 11607 Fisheries water quality standards

GB 13078 standard feed hygiene

GB/T 22487 aquafeed safety evaluation of acute toxicity test procedures NY5072 free food fishery feed safety limits

### 3 Terms and Definitions

The following terms and definitions apply to this standard.

- 3.1 Through animal experiments, and the existing technical means to detect indicators of toxicity was observed with the test substance-related maximum dose.
- 3.2 Any significant organ toxicity in experimental animals by the test substance is caused.
- 3.3 Aquaculture water from outside the system continuously or intermittently flowing through the container farming culture systems.
- 3.4 After water aquaculture farming systems after purification recycled within the system.
- 3.5 The average weight of the aquatic animals at the end of the test.
- 3.6 The average weight of the test animals at the end of the test.