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

GB 15193.2-2014

Replacing GB 15193.2-2003

**National Food Safety Standard -- Good laboratory practice for
food toxicology**

食品安全国家标准 食品毒理学实验室操作规范

(English Translation)

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Foreword

This standard replaces GB 15193.2-2003 "food toxicology laboratory practice." this standard compared with GB 15193.2-2003, the main changes are as follows.

- Standard name was changed to "national food safety standards of food toxicology laboratory practice";
- Modify the scope;
- Modify the terms and definitions;
- Modify the personnel and organization;
- Modify the laboratory;
- Modify the design and implementation of the inspection;
- Modify the records and information;
- Modify the test report;
- Modify the environment;
- Modified experimental animals and animal room contents;
- Increased quality assurance testing process;
- Increased test preparation;
- Increased test examples;
- Increased reporting and interpretation;
- Increased data retention requirements specimens.

National Food Safety Standard Food toxicology laboratory practice

1 Scope

This standard specifies the requirements for food toxicology laboratory operations.

This standard applies to food toxicology tests conducted laboratory.

2.1 Laboratory director

Overall responsibility for the laboratory work, ensure that the test according to laboratory practices requirements for the operation of the people.

2.2 Project Leader

Overall responsibility to carry out some kind of test substance toxicology test job.

2.3 Quality assurance personnel

Familiar with the inspection of a specific person, they do not participate in supervised trials by monitoring the testing process to ensure lab work breaks Together the relevant specifications.

2.4 Standard Operating Procedures

Details of the implementation of routine testing operations.

2.5 Test Plan

Clearly defined written materials testing purposes and experimental design, and other related information.

2.6 Sourcebook

Experimental study observed during the recording of the test activities, including all test records and data, automatically record test analysis on the instrument Data, photos, and audio and video recording, the original or a copy of a computer-readable media.

2.7 Test System

System for testing the toxicity of the test substance, such as laboratory animals, microorganisms, cells and subcellular components and other biological, chemical, physical system.

2.8 Samples

Inspection by the commission or by a third party to extract a representative sample.

2.9 Test substance

Single ingredient or mixture being tested.

2.10 Controls

In the study, the test was used as a comparison substance.

2.11 Specimens

Obtained from one or more of the test system used to test, analysis, or stored material.

2.12 Dose

The dose of the test substance in the test Test System.

2.13 Batch

In one particular production process produced a number of test substance or controls, their properties should be identical.

2.14 Test Start Date

Start a record of the date of the original data.

2.15 Test End Date

Record the last date of the original data.

2.16 Project Start Date

Date of the laboratory director or authorized signatory signed research program.

2.17 Project end date

Date of the laboratory director or authorized signatory to sign the final report.

2.18 Animal Welfare

Let the animals in a healthy and happy state of existence, the standard includes no animal diseases, no abnormal behavior, no psychological stress, depression and pain Waiting.

3 Organization and personnel

3.1

The laboratory should obtain appropriate qualifications (measurement certification/Laboratory Accreditation), it should be equipped with the laboratory director, the project leader, the corresponding test Personnel and support staff.