

ICS 65.020.30

CCS B 44



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

GB 14925-2023

Replacing GB 14925-2010

Laboratory animal - Environment and housing facilities

实验动物 环境及设施

Issued on: November 27, 2023

Implemented on: June 1, 2024

**Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC**

Table of Contents

1 Scope	1
2 Normative references	1
3 Terms and Definitions	1
4 General requirements	3
5 Environmental Classification	3
3 Isolation environment	5
3 Other facilities layout	6
7 Cages, bedding and welfare supplies	8
3 Other waste	9
2 Transport cage	10
20 Appendix I (normative) Ammonia concentration detection	21

Foreword

This document complies with the provisions of GB/T 1:1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents" Drafting: This document replaces GB 14925-2010 "Experimental Animal Environment and Facilities": Compared with GB 14925-2010, except for structural adjustment and compilation In addition to editorial changes, the main technical changes are as follows:

- a) Changed the definitions of "ordinary environment", "barrier environment" and "isolated environment" (see Chapter 3, Chapter 3 of the:2010 edition);
- b) Added the terms and definitions of "general environmental facilities", "barrier environmental facilities", "isolation equipment", "static" and "dynamic" (see Chapter 3);
- c) Changed the relevant definitions of cleanliness levels (see Chapter 3, Chapter 3 of the:2010 edition);
- d) In the classification of experimental animal environments, the applicable animal level "ordinary level animals" has been added to the negative pressure barrier environment and negative pressure isolation environment (see Chapter 5);
- e) The temperature, humidity, minimum working illumination and other indicators of the ordinary environment, barrier environment and isolation environment have been changed (see Chapter 6,:2010 version 5:2);
- f) The main environmental indicators such as the minimum pressure difference, relative

humidity, and cleanliness level of the auxiliary area of barrier environmental facilities have been changed (see 6:2:2, 2010 version of 5:2:3);

g) Added requirements related to process layout, fire protection, etc: (see Chapter 7, 8:6);

h) Added requirements for experimental animal facility construction, air conditioning, drinking water supply and drainage, electrical, automatic control, detection, operation and maintenance (see 8:1, 8:2, 8:3, 8:5, Chapter 11);

i) The requirements for the minimum living space required for commonly used experimental animals have been changed (see 8:7, 8:1:3 of the:2010 version);

j) Changed the wastewater treatment standards for experimental animal facilities (see 9:1, 7:1 of the:2010 version);

k) Changes to the transportation requirements for experimental animals (see 10:1, Chapter 9 of the:2010 edition);

l) Added content on animal welfare (see Chapter 4, 8:7);

m) The test conditions have been changed in the test method (see Appendix A~Appendix I, Appendix A~Appendix I of the:2010 version): Please note that some content in this document may be subject to patents: The publisher of this document assumes no responsibility for identifying patents: This document is proposed and managed by the Ministry of Science and Technology of the People's Republic of China: The previous versions of this document and the documents it replaces are as follows:

1 Scope

GB 14925 sets the environment an animal facility must provide and the construction that delivers it. It fixes, for each grade of animal and each species, the temperature and humidity ranges, the air changes and pressure differentials, the airborne particle and ammonia limits, the noise, the illumination and the light cycle, then the requirements for the barrier, the layout and the finishes of the rooms, the water and bedding, and the monitoring that proves the conditions are held. Together with GB 14922 on microbiological grade and GB 14923 on genetic control it forms the trio that governs whether a Chinese facility may run animal experiments at all. Issued on 27 November 2023, in force since 1 June 2024, replacing GB 14925-2010. 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 edition it replaces are taken from there. The clause text, the tables and the numeric limits are not reproduced on this page - they are in the document itself, which is delivered in full in English translation.

This document clarifies the environmental classification of experimental animal facilities, stipulates the overall requirements and environmental indicators of experimental animal facilities, facility process layout, Waste treatment, transportation, testing and operation and

maintenance requirements: This document applies to the design, construction, testing, acceptance, and supervision and management of experimental animal production, environmental conditions of experimental sites, and facilities:

2 Normative reference documents

The contents of the following documents constitute essential provisions of this document through normative references in the text: Among them, the dated quotations For undated referenced documents, only the version corresponding to that date applies to this document; for undated referenced documents, the latest version (including all amendments) applies to this document:

GB 5749 Hygienic Standards for Drinking Water

GB 8978 Comprehensive Wastewater Discharge Standard

GB 14554 Emission standards for odor pollutants

GB 14922 Laboratory animal microbiology and parasitology grades and monitoring

GB 16297 Comprehensive Emission Standard of Air Pollutants GB/T 18204:

3 Terms and definitions

The following terms and definitions apply to this document: 3:

1 The total number of buildings and equipment used for the cultivation, production, feeding, experimentation and application of experimental animals: 3:

2 The total number of buildings and equipment used for seed conservation, cultivation, breeding and other production activities: 3:

3 Experiments and applications of experimental animals for the purposes of research, experiment, teaching, production and verification of biological products, pharmaceuticals and related products, etc: Total buildings and equipment: