

ICS 97.200.20

CCS Y58



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

GB 28489-2022

Replacing GB/T 28489-2012

Limits of hazardous substances for musical instruments

乐器有害物质限量

Issued on: December 29, 2022

Implemented on: January 1, 2024

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

Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 4 Migration of Specific Elements

Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part

1. Structure and Drafting Rules for Standardization Documents" drafting. This document replaces GB/T 28489-2012 "Limits of Hazardous Substances in Musical Instruments". Compared with GB/T 28489-2012, except for structural adjustment and Apart from editorial changes, the main technical changes are as follows:

--- Changed the terms and definitions (see Chapter 3, Chapter 3 of the.2012 edition);

---Changed the expression of the limit of phthalates and the description of the test method (see 5.1, 6.1, 5.1,

6.2 of the.2012 edition);

--- Increased the requirements for the limit of polycyclic aromatic hydrocarbons and the description of the test method (see 5.2, 6.2);

--- Changed the expression of the limit of migratable elements and the description of the test method (see 5.3, 6.3, 5.2,

6.3 of the.2012 edition);

---Changed the expression of benzene series, total volatile organic compounds and formaldehyde limits and the description of the test method (see 5.4, 6.4, Appendix C, Appendix D, 5.3,

6.4 of the.2012 edition);

--- Increased the description of the requirements and test methods for aromatic amine dyes, tetrachlorophenol (TeCP), and pentachlorophenol (PCP) limits (see 5.5, 6.5.1, 6.5.2);

---Changed the expression of the limit of restricted substances and the description of the test method for electronic musical instruments and electronic components in musical instruments (see 5.6, 6.6, 5.4,

6.5 of the.2012 edition);

--- Changed the inspection rules (see Chapter 7, Chapter 7 of the.2012 edition);

1 Scope

GB 28489-2022 is the Chinese national standard on limits of hazardous substances for musical instruments, in the field of domestic and commercial equipment, entertainment, sport. It carries no /T suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 29 December 2022 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 January 2024. Classification: ICS 97.200.20, CCS Y58. 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 document defines the terms, definitions and classifications related to musical instruments, musical instrument accessories and musical instrument packaging placed indoors, and specifies the The implementation of requirements, inspection rules and standards for the limit of harmful substances to human body in musical instruments, musical instrument accessories and indoor musical instrument packaging, describes the corresponding test method. This document applies to musical instruments, musical instrument accessories and musical instrument packaging placed indoors.

2 Normative references

The contents of the following documents constitute the essential provisions of this document through normative references in the text. Among them, dated references For documents, only the version corresponding to the date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to this document. Preparation of

GB/T 601 Chemical Reagent Standard Titration Solution

GB 6566-2010 Limits of radionuclides in building materials

GB 6675.4-2014 Toy Safety Part

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Under normal use, objects placed indoors for protection, decoration, and supporting use with musical instruments.

Note. Contains instrument case, instrument box, instrument bag, instrument bag, etc.

3.2 Parts or products that come into direct contact with the player's mouth.

4 Migration of Specific Elements

GB/T 17592 Determination of banned azo dyes in textiles

GB/T 18414 (all parts) Determination of chlorophenols in textiles

GB/T 19942 Determination of prohibited azo dyes in chemical tests of leather and fur

GB/T 22048 Determination of Specific Phthalate Plasticizers in Toys and Children's Products

GB/T 22808 Determination of Chlorophenol Content in Chemical Tests of Leather and Fur

GB/T 23344 Determination of 4-aminoazobenzene in textiles

GB/T 26125 Determination of six restricted substances (lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls and polybrominated diphenyl ethers) in electrical and electronic products

GB/T 26572-2011 Limit requirements for restricted substances in electrical and electronic products

GB/T 31107-2014 General technical requirements for climate chambers for the detection of volatile organic compounds in furniture

GB/T 40968 Test method for polycyclic aromatic hydrocarbons in musical instruments

GB 50325-2020 Indoor Environmental Pollution Control Standards for Civil Construction Engineering LY/T 1985 Determination method of pentachlorophenol content in preservative wood and wood-based panels