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

GB 26366-2010

Hygienic requirements for chlorine dioxide disinfectant

二氧化氯消毒剂卫生标准

(English Translation)

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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 of Standardization Documents" Drafting.

This document replaces GB/T 26366-2010 "Sanitary Standards for Chlorine Dioxide Disinfectants", compared with GB/T 26366-2010, except for the structure in addition to adjustments and editorial changes, the main technical changes are as follows.

--- The scope of application deletes the source and production process of chlorine dioxide (see Chapter 1, Chapter 1 of the 2010 edition);

---Modified the normative reference documents (see Chapter 2, Chapter 2 of the 2010 edition);

---Modified terms and definitions, modified the definition of chlorine dioxide disinfectant, deleted chlorine dioxide activator, reclaimed water and general objects Surface definition (see Chapter 3, Chapter 3 of the 2010 edition);

---Added the requirement of sodium bisulfate (see 4.7);

---Modified the requirements for the content of active ingredients in the physical and chemical indicators (see 5.1.1, 5.1 and 5.3 of the 2010 edition);

--- Deleted the indicator requirements for disinfected water (see 5.2 in the 2010 edition);

---Added the pH value, tablet weight error and disintegration time limit requirements in the physical and chemical indicators (see 5.1.2, 5.1.4 and 5.1.5);

---Modified the microbial killing indicators (see 5.2, 5.5 in the 2010 edition);

---Modified the scope of application, method of use, transportation, storage and packaging, labeling, marking and instructions (see Chapter 6, Chapter 7, Chapter 9 Chapter, Chapter 10, Chapter 6, Chapter 7, Chapter 9, Chapter 10, Chapter 11, Chapter 12 of the 2010 Edition);

---Modified the content determination method (see Appendix A, Appendix A of the 2010 edition);

---Added pH value, tablet weight error and disintegration time limit determination method (see 8.2, 8.4, 8.5).

1 Scope

This document specifies the raw material requirements, technical requirements, application scope, use methods, inspection methods, transportation and storage of chlorine dioxide disinfectants.

Packaging and label identification and instructions.

This document applies to chlorine dioxide disinfectants that are aqueous solutions at the time of application.

2 Normative references

The contents of the following documents constitute the indispensable clauses of this document through normative references in the text. Among them, dated quotations Only the version corresponding to that date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to this document.

GB/T 191 Packaging, storage and transportation pictorial signs GB/T 320 Synthetic hydrochloric acid for industrial use GB/T 534 Industrial sulfuric acid GB/T 1294 Chemical reagent L(-)-tartaric acid GB/T 1618 Industrial sodium chlorate GB/T 8269 Citric acid GB 18466 Water Pollutant Discharge Standard for Medical Institutions GB 27948 General requirements for air disinfectants GB 27949 General requirements for disinfectants for medical devices GB 27952 General requirements for surface disinfectants for ordinary objects GB/T 38497 Endoscope disinfection effect evaluation method GB 38598 General requirements for label instructions for disinfection products HG/T 3250 industrial sodium chlorite HG/T 4516 Industrial Sodium Bisulfate Pharmacopoeia of the People's Republic of China (2020 edition) Sanitary Safety Evaluation Specification for Drinking Water Disinfectants and Disinfecting Equipment (for Trial Implementation) Wei Jian Fa [2005] No. 336 Disinfection technical specifications (2002 edition) Health Law Jianfa [2002] No. 282

3 Terms and definitions

The following terms and definitions apply to this document.

Chlorine dioxide disinfectant A disinfectant that uses chlorine dioxide as an effective bactericidal ingredient.

Note: Including disinfectants that need to be chemically activated to produce chlorine dioxide before use and chlorine dioxide can be produced without chemical activation (free activation) Disinfectant.