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

GB/T 14503-2008

Replacing GB/T 14503-1993

**General principle of nomenclature and classification of
radioisotope products**

放射性同位素产品的分类和命名原则

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Foreword

This standard replaces GB/T 14503-1993 "Classification and nomenclature of radioisotope products." This standard compared with GB/T 14503-1993, mainly in the following changes.

--- Increasing the preface and the normative references, and entries, and made some editorial changes.

--- Increasing the portion of the term in English; the addition of "radionuclide", "radioisotope products" and "radionuclide generator" Terms and definitions; the term "Radioactive Drugs" to "radiopharmaceutical", and modify its definition; modify the term "radioactive Isotope "," radioactive sources "," radioactive inorganic chemicals "defined; delete the term "and" analog standard reference material radioactive sources " The terms and definitions.

--- Increased by 4.1 "Overview", after the original standard section in Chapter 3, suspension modifications included; original standard 3.1 "radioactive inorganic chemicals" increase Child category "Radioactive elemental," "radioactive oxides," "radioactive mineral acid," "radioactive inorganic base" and "radioactive inorganic Salt "; the original standard 3.2" radioactive labeled organic compound "classification," b "to" e "entry is added" words radioactivity "and so on; the original standard Quasi 3.4 "radioimmunoassay kit" to increase child category "radioimmunoassay class", "Free discharge analysis class" and "radiation analysis classes"; in Original standard 3.5 "sources" in the increase, "the source target assembly by means of a target" of the target content annotation; "other category" Category increase description.

5.1 title "constitutes a radioisotope product name", the original content into a standard 4.1;

5.2 increase the heading "Basic Nomenclature name "after the original standard 4.2.1,4.2.2,4.2.3,4.3,

4.4 modify the contents included; increased

5.3 title" before Nomenclature suffix of the word ", the original content into the standard 4.5.

--- Statements modify the original standard

5.3.1 is "should follow the" Chinese Drug Generic Name "nomenclature"; modify the original

standard

5.3.3 Radiation Radionuclide generator named method; modify the description of the original standard

5.5.4 Cf neutron source.

--- Increase the references listed in the "Nomenclature of Inorganic Chemistry", "Organic Chemistry nomenclature," "Chinese Drug generic name" information. The standard proposed by China National Nuclear Corporation. This standard by the National Standardization Technical Committee on Nuclear Energy (SAC/TC58) centralized. This standard was drafted. China Institute of Atomic Energy. The main drafters of this standard. Wujiu Wei, Hu Ji, Luozhi Fu. This standard replaces the standards previously issued as follows:

--- GB/T 14503-1993. Classification and nomenclature of radioisotope products

1 Scope

GB/T 14503-2008 is the Chinese national standard on general principle of nomenclature and classification of radioisotope products, in the field of energy and heat transfer engineering. 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 2 July 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 April 2009. Classification: ICS 27.120.01, CCS F50. 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 classification of radioisotope products, named the general principles, specific provisions and methods named. This standard applies to the classification and naming of radioisotope products.

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 4960.4 radionuclides in nuclear science and technology terms

3 Terms and Definitions

GB/T 4960.4 and established the following terms and definitions apply to this standard.

3.1 Radioactive nuclides.

3.2 Radioactive isotopes. Especially in this standard half-life sufficient for practical use of radionuclides.

3.3 Radioisotope-containing products.

3.4 Intended to be used in any amount of ionizing radiation of radioactive substances.

3.5 For the diagnosis, treatment or forms of radionuclide labeled drug or medical research.

3.6 Radioisotope-containing inorganic chemicals.

3.7 Organic compounds containing radioisotopes and biochemical products.

3.8 In its radioactive properties of standard material values.