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NATIONAL METROLOGY TECHNICAL SPECIFICATION OF THE PEOPLE'S REPUBLIC OF CHINA

JJF 1783-2019

Program of Pattern Evaluation of Clinical Thermometers

玻璃体温计型式评价大纲

(English Translation)

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Introduction

This type evaluation outline is based on JJF 1015-2014 "General Specification for Type Evaluation of Measuring Instruments" and JJF 1016-2014 "Guidelines for the Compilation of Outlines for the Evaluation of Types of Measuring Instruments" was prepared as a basic specification.

The test items and test methods of this type evaluation program are integrated with GB 1588-2001 "Glass Thermometer", OIMLR7.1979 (E) "(Mercury glass with retention point structure) thermometers" (Clinicalthermometers (mercury-in-glass, withmaximumdevice)). Refer to JJG111- for the test method of indication error 2019 "Glass Thermometer".

This type evaluation outline is released for the first time.

Outline of Type Evaluation of Glass Thermometer

1 Scope

This type of evaluation outline is applicable to the measuring device with classification code 04067500, which has the highest retention point structure and temperature Type evaluation of glass thermometer with medium as liquid.

2 Reference documents the outline cited the following documents.

JJG111-2019 glass thermometer JJG881-1994 standard thermometer JJF 1001-2011 General Measurement Terms and Definitions JJF 1007-2007 Temperature measurement terms and definitions GB 1588-2001 glass thermometer OIML R7.1979 (E) (mercury glass with retention point structure) thermometer (Clinical thermometers (mercury-in-glass, withmaximumdevice)) for dated reference documents, only the dated version applies to this specification; for those without date references the latest version (including all amendments) is applicable to this specification.

3 Overview

Glass thermometer (hereinafter referred to as thermometer) is a medical thermometer with the highest retention point structure, used to measure people Body temperature of animals and animals (for veterinary use). The thermometer uses the thermal expansion of the liquid in the temperature sensitive bubble and the capillary hole (tube) to Measure body temperature, while the special structure at the junction of the temperature sensing bubble and the capillary hole (tube) can hinder the temperature sensing liquid when the thermometer cools the column descends and maintains the indicated position of the highest temperature measured. The thermometer type has a rod type and an internal standard type, of which the rod type can be divided it is triangle stick type, newborn stick type and ingot stick type. According to the different measurement objects, the thermometer is divided into ordinary human bodies Use thermometers, neonatal thermometers and veterinary thermometers.

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4 Legal management requirements

4.1 Unit of measurement the thermometer uses the legal unit of measurement Celsius (°C).

4.2 Logo

The product of the thermometer should be marked with the legal symbol of the measuring instrument and the marking of the measuring instrument, and the sign and label should be clear Recognizable, firm and reliable.

--- The name or trademark of the manufacturer;

--- Temperature unit symbol "°C";

--- Factory year;

--- Strong check mark;

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