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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

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GB/T 12803-2015

Replacing GB/T 12803-1991

Laboratory glassware - Conical graduated

实验室玻璃仪器 量杯

Issued on: December 31, 2015 **Implemented on: July 1, 2016**

Issued by: General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China;
Standardization Administration of China

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules. This standard replaces GB/T 12803-1991 "glass laboratory equipment measuring cup." And GB/T 12803-1991 of the main differences as follows:

--- Increasing the terms and definitions;

--- Increase the appearance of the product requirements and inspection rules;

--- Increasing the product in other parts of the form factor;

--- Increased 25mL, 200mL beaker. The standard proposed by China National Light Industry Council. This standard by National Instrument Standardization Technical Committee on Glass (SAC/TC178) centralized. This standard was drafted. Tianjin Instrument Manufacturing Co. Tianke glass, glass National Light Industry Product Quality Supervision and Inspection Center. Main drafters of this standard. Zhou Baohong, in Shuying, Yuan Chunmei. This standard replaces the standards previously issued as follows:

--- GB/T 12803-1991. Laboratory glassware measuring cup

1 Scope

GB/T 12803-2015 is the Chinese national standard on laboratory glassware - conical graduated, in the field of glass and ceramics industries. 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 31 December 2015 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 July 2016. Classification: ICS 81.040.01, CCS N64. 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.

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This standard specifies the general laboratory use measuring cups terms and definitions, technical requirements, test methods, inspection rules, marking, packaging, transportation And storage. This standard applies to general laboratory use liquid nozzle having an inverted cup series.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 2828.1 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch inspection sampling plan

GB/T 6543 transport packaging corrugated box with a single and double corrugated boxes

GB/T 6582 Test methods and classification of glass particles at 98 °C water resistance Within the

GB/T 15726 glassware stress testing methods JJG196 Common Glass Container

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3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Measure type measureout Injecting water into a measuring cup to measure out the desired formula dividing line, then poured volume wait 30s excluded is the capacity of the dividing line. Measure type symbol "Ex" represents.

3.2 Unit of capacity capacityunits Capacity measuring unit milliliter (mL) or cubic centimeter (cm3).

3.3 Standard temperature standardtemperature Temperature of the glass used to gauge or measure out the amount of its nominal volume (capacity) when, as 20 °C.

3.4 Capacity capacity At 20 °C, when the liquid charge to the dividing line, and wait for the volume of liquid decanted 30s liquid, expressed in milliliters (mL).

3.5 Meniscus set-curvedliquidsurfacesetting A horizontal plane tangent to the lowest point of the meniscus and the indexing online edges. Line of sight and line edge indexing in the same horizontal plane.

4 Specification

5mL, 10mL, 20mL, 25mL, 50mL, 100mL, 200mL, 250mL, 500mL, 1000mL.

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