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

GB/T 29606-2026

Replacing GB/T 29606-2013

Stainless steel vacuum flasks

不锈钢真空杯

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Table of Contents

1.Scope	1
2 Normative References	1
3.Terms and Definitions	1
5 Requirements	3
7.Inspection Rule	12
8.Markings, labels, and instruction manuals	14
23 References	25

Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1.Structure and Drafting Rules of Standardization Documents". Drafting. This document specifies the technical requirements related to food quality. For food safety requirements, please refer to relevant laws, regulations, policies, and food safety standards. document. This document replaces GB/T 29606-2013 "Stainless Steel Vacuum Cups". Compared with GB/T 29606-2013, the only changes are structural adjustments and editing. Aside from the sexual alterations, the main technical changes are as follows:

- a) The standard scope has been changed (see Chapter 1, Chapter 1 of the.2013 edition);
- b) The definitions of the terms "stainless steel vacuum cup (bottle, jug)", "inner liner", "inner stopper", and "nominal volume" have been changed (see 3.1, 3.3, 3.5, 3.7). (2013 editions 3.1, 3.3, 3.5, 3.8)
- c) Added the terms "body", "pop-up cap", "removable component", "drinking protrusion", "straw", "false rejection rate", and "false acceptance rate" and their definitions. (See 3.2, 3.8, 3.9, 3.10, 3.11, 3.12, and 3.13);
- d) The terms "bottle body (bottle body, jug body)" and "capacity" and their definitions have been removed (see 3.7 of the.2013 edition);
- e) The product classification method has been changed (see 4.1,.2013 version 4.1);
- f) Food safety requirements and testing methods have been removed (see 5.1.1, 5.1.2, 6.2, and 6.4 in the.2013 edition);

g) The requirements and test methods related to "sensory requirements" and "additives" have been deleted (see sections 5.2, 5.3, 6.5, and

6.6 of the 2013 edition);

h) The requirements and test methods for "volume tolerance" have been changed (see 5.2, 6.2, 5.4,

6.7 in the 2013 edition);

1 Scope

GB/T 29606-2026 is the Chinese national standard covering the stainless vacuum flask - the heat retention that is its whole purpose and how it is measured, the vacuum durability, the seal and the drop resistance, the migration of metals from the inner surface and the marking. It replaces GB/T 29606-2013 and takes effect on 1 February 2027. It was issued on 28 January 2026 and takes effect on 1 February 2027, replacing GB/T 29606-2013. The document is under the responsibility of the China National Light Industry Council. This page is published from the official record of the 2026 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

This document specifies the requirements for stainless steel materials, volume tolerance, and heat preservation performance of stainless steel vacuum cups (bottles, jugs), and describes the corresponding tests. The method specifies the requirements for inspection rules, marking, labeling, instructions for use, packaging, transportation and storage, and also provides product classification and specifications. This document applies to the production, inspection, and sale of stainless steel vacuum cups (bottles, jugs) and other utensils that come into contact with food (hereinafter referred to as "products").

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 191 Packaging and Storage Graphic Symbols

GB/T 223.4 Determination of manganese content in iron and steel and alloys by potentiometric or visual titration method

GB/T 223.5 Determination of Acid-Soluble Silicon and Total Silicon Content in Iron and Steel - Reduced Molybdate Spectrophotometric Method

GB/T 223.11 Determination of Chromium Content in Iron and Steel and Alloys - Visual Titration or Potentiometric Titration

GB/T 223.18 Chemical Analysis Methods for Iron and Steel Alloys - Determination of Copper by Sodium Thiosulfate Separation-Iodometric Method

GB/T 223.19 Chemical Analysis Methods for Iron and Steel Alloys - Determination of Copper Content by Neo-Copper-Chloroform Extraction Spectrophotometric Method

GB/T 223.23 Determination of Nickel Content in Iron and Steel and Alloys - Dimethylglyoxime Spectrophotometric Method

GB/T 223.25 Chemical Analysis Methods for Iron and Steel Alloys - Determination of Nickel Content by Gravimetric Method of Dimethylglyoxime

GB/T 223.28 Chemical Analysis Methods for Iron and Steel Alloys - Determination of Molybdenum by alpha-Benzoxime Gravimetric Method

GB/T 223.37 Determination of Nitrogen Content in Iron and Steel and Alloys - Distillation Separation of Indophenol Blue Spectrophotometric Method

GB/T 223.59 Determination of phosphorus content in iron and steel and their alloys - Bismuth-phosphomolybdenum blue spectrophotometric method and antimony-phosphomolybdenum blue spectrophotometric method

GB/T 223.63 Determination of Manganese Content in Iron and Steel and Alloys - Sodium (Potassium) Periodate Spectrophotometric Method

GB/T 223.85 Determination of sulfur content in iron and steel and their alloys by infrared absorption method after combustion in an induction furnace

3 Terms and Definitions

The following terms and definitions apply to this document.