

ICS 55.100
CCS A 82

BB

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

BB/T 0048-2017

Replacing BB/T 0048-2007

Composite anti-counterfeiting closures

组合式防伪瓶盖

(English Translation)

Issued on: April 12, 2017

Implemented on: October 1, 2017

**Issued by: Ministry of Industry and Information Technology of the
People's Republic of China**

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Foreword

This standard is drafted in accordance with the rules given in GB/T 1.1-2009 "Standardization Work Guide Part 1. Standard Structure and Compilation".

This standard replaces BB/T 0048-2007 "Combined anti-counterfeit bottle cap", compared with BB/T 0048-2007 "combined anti-counterfeit cap" in addition to editorial changes, the main technical changes are as follows.

- Revised the scope of the standard;
- Modified normative references;
- Increased the terminology of the cap built-in parts;
- The product classification has been removed according to the classification and opening of the bottle mouth;
- Modified the standard bottle mouth for the bottle cap;
- Modified the bottle cover size deviation;
- In the appearance of the sensory quality requirements without foreign matter, no smell, the appearance requirements have been partially modified;
- Increased coating film, pattern adhesion and inspection methods in physical properties;
- Increased alcohol resistance and testing methods in physical properties;
- The temperature performance has increased the performance requirements for the coating film and the decorative pattern;
- Modified the opening torque;
- The outflow speed is changed from the original s (seconds) to mL/s;
- Increased the anti-counterfeiting performance requirements and inspection methods for cap packaging, before and after opening;
- Modified the anti-reverse irrigation performance requirements and testing methods;

---Modified the hygienic performance and inspection method, incorporating the foreign matter and odor requirements of the original hygienic performance into the appearance and sensory of the cap Claim;

--- Revised the factory inspection and type inspection content.

This standard was proposed by the China Packaging Federation.

This standard is under the jurisdiction of the National Packaging Standardization Technical Committee (SAC/TC49).

This standard was drafted. Haipu Manufacturing Co., Ltd., Shandong Li Peng Co., Ltd., Shuyang County Chengda Manufacturing Co., Ltd.

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1 Scope

This standard specifies the terms and definitions, product classification and specifications, requirements, test methods and inspection rules for combined anti-counterfeit caps for wine packaging.

And signs, packaging, transportation, storage.

This standard applies to aluminum plate coated products, plastics (such as polyethylene, polypropylene, polystyrene, polycarbonate, polyethylene terephthalate) A combined anti-counterfeit bottle cap (hereinafter referred to as a bottle cap) formed by processing such as ester, acrylonitrile-styrene copolymer, or the like. Condiments, health products, medicines Bottle caps for packaging of other products such as products and cosmetics can be implemented with reference to this standard.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 191 packaging storage and transportation icon GB/T 2828.1. Sampling procedures for sampling by sampling - Part 1 . Batch-to-batch sampling plan, searched by AQL GB/T 2829 Cycle Inspection Counting Sampling Procedures and Tables (Applicable to Inspection of Process Stability) GB/T 6739 Paint and varnish pencil method for determination of film hardness GB/T 9286 color and varnish paint film cross-cut test BB/T 0071 packaging glass container cassette mouth size

3 Terms and definitions

The following terms and definitions apply to this document.

Combined anti-counterfeit bottle cap composite anti-counterfeiting closure Made of aluminum plate coated products, plastic, glass and other materials, the structure is complex and difficult to imitate, after the package is opened and used, the security features are destroyed.

Caps that can no longer be restored.

Combined aluminum plastic anti-counterfeit bottle cap aluminum-plastic composite anti-counterfeiting closure A combined anti-counterfeit bottle cap composed of an aluminum cylinder member and a plurality of differently functioning plastic parts, glass pieces and the like.

Combined plastic anti-counterfeit bottle cap plastic composite anti-counterfeiting closure A combined anti-counterfeit bottle cap composed of a variety of plastic parts, glass pieces, and the like.

Cap built-in parts direct-contact parts Cap parts that are in direct contact with the contents.