

ICS 55.200
CCS A84



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

GB/T 19063-2009

Replacing GB/T 19063-2003

**Acceptance specification of packaging equipment for liquid
food**

液体食品包装设备验收规范

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Quarantine of the People's Republic of China;
Standardization Administration of China**

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Foreword

This standard replaces GB/T 19063-2003 "liquid food packaging equipment acceptance."
This standard compared with GB/T 19063-2003, the main changes are as follows:

- Increasing the terms and definitions of the contents;
- Add content product classifications;
- Increased material and component inspection technical requirements;
- Modify the pressure test requirements;
- Fixed expression RQL values;
- Revised test methods of free residual chlorine and hydrogen peroxide residual amount measured;
- Increased microbial testing of pH value difference range of requirements;
- Increase the technical parameters of ultra-clean filling equipment. Appendix A of this standard is an informative annex. This standard by the National Packaging Machinery Standardization Technical Committee (SAC/TC436) and focal points. This standard is drafted by: Central Asia Machinery Co., Ltd., Hangzhou, Guangzhou Tech-Long Packaging Machinery Co., Ltd., Jiangsu Newamstar package Loaded Machinery Co., Ltd., Nanjing Lehui Light Industrial Equipment Manufacturing Co., Best Crown Packing Machinery Co., Ltd., Foshan Jian Technology Group Jianbang machine Mechanical Co., Ltd., Jiangsu A Star Packaging Machinery Group Co., Ltd., Machinery industrial packaging machinery product quality supervision and inspection center. The main drafters of this standard. Shi Zhongwei, Zhang Songming, Chuxing An, Chen Xiaoping, Zhang Tiejun, Huang Di, Jimmy Wong, Jiyong Lin, Yao Weiguo, Cao Yang Yun, Chen Fei, Lupei Zhong, Wang Ligu, Cailin Chang, Chen Runjie. This standard replaces the standards previously issued as follows:
- GB/T 19063-2003. Liquid food packaging equipment acceptance

1 Scope

GB/T 19063-2009 is the Chinese national standard on acceptance specification of

packaging equipment for liquid food, in the field of packaging and distribution of goods. 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 30 September 2009 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 December 2009. Classification: ICS 55.200, CCS A84. 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 liquid food packaging equipment, terminology and definitions, product classifications, ready acceptance, acceptance of technical requirements, test methods and equipment Quality and determination process. This standard applies to liquid food aseptic packaging equipment, packaging equipment, fresh, hot filling equipment, ultra-clean filling equipment and general packaging Equipment; suitable for liquid food sterilization equipment, filling and sealing equipment and its supporting equipment, pipes and fittings. This standard does not apply to equipment for sterilization after filling and sealing liquid food.

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 Total 4789.2 Microbiological examination of food hygiene colony assay

GB/T 4789.3 Microbiological examination of food hygiene Coliform bacteria

GB/T 4789.4 Microbiological examination of food hygiene inspection salmonella

GB/T 4789.5 Microbiological examination of food hygiene Shigella test

GB/T 4789.10 Microbiological examination of food hygiene inspection of Staphylococcus aureus

GB/T 4789.11 Microbiological examination of food hygiene inspection hemolytic streptococcus

GB/T 4789.15 Microbiological examination of food hygiene molds and yeasts

GB 5226.1-2002 Safety of machinery electrical equipment Part 1. General requirements (IEC 60204-1:2000, IDT)

GB/T 5750.11 Standard examination methods for drinking water disinfectants Index

GB 14930.1 food tools and detergent hygiene standards

GB 14930.2 food tools and washed with disinfectant hygiene standards

GB 14934 food (drink) with disinfection health standards

GB 16798 Food Machinery Safety and Health

GB 19891 Safety of machinery designed for hygiene requirements (GB 19891-2005, ISO 14159.2002, MOD)

3 Terms and Definitions

The following terms and definitions apply to this standard.

3.1 Liquid, with particles of liquid, paste, etc. can flow in the pipeline of food.

3.2 The sterilized liquid food packaging, sealed with or without sterile containers, refrigerated liquid ways to keep food in the shelf Fresh and hygienic period.