

ICS 67.040

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

中华人民共和国国家标准

GB 5009.72-2003

Replacing GB/T 5009.72-1996

**Method for analysis of hygienic
standard of aluminum-wares for food
use**

铝制食品容器卫生标准的分析方法

Issued on August 11, 2003

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Standardization Administration of China

Foreword

This standard replaces GB/T 5009.72-1996 *Method for analysis of hygienic standard of aluminum-ware for food use*

Compared with GB/T 5009.72-1996, the main revision of this standard is as follows:

— Structure of the original standard has been revised in accordance with GB/T 20001.4-2001 *Rules for drafting STANDARDS--Part 4:Methods of chemical analysis (ISO 78-2:1999,Chemistry--Layout for STANDARDS--Part 2:Methods of chemical analysis,MOD)*

This standard was proposed and shall be under jurisdiction of the Ministry of Health of People's Republic of China.

This standard is drafted by Guangxi Zhuang Autonomous Region Health and Epidemic Prevention Station.

This standard was first released in 1985 and was first revised in 1996; this is the second revision.

Method for analysis of hygienic standard of aluminum-wares for food use

1 Scope

This standard specifies analysis method for various hygienic indexes of cookwares, tablewares, and other containers and materials directly contacting with food which are tamped or cast with aluminum as raw material.

This standard specifies analysis for various hygienic indexes of cookwares, tablewares, and other containers and materials directly contacting with food which are tamped or cast with aluminum as raw material.

2 Normative References

The following standards contain provisions which, through reference in this text, constitute provisions of this standard. At time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below.

GB/T 5009.11-2003 *Determination of total arsenic and abio-arsenic in food*

GB/T 5009.14-2003 *Determination of zinc in foods*

GB/T 5009.62-2003 *Method for analysis of hygienic standard of ceramics for food containers*

GB 11333 *Hygienic STANDARD for aluminum-wares for food use*

3 Sampling method

Withdraw test specimens without less than 6 pieces according to 0.1% of the amount of products and produce in small batch, on which product name, batch number and sampling date are marked. One half of specimens withdrawn is used for test and the other half for storage of 2 months, preparing for arbitration analysis.

4 Visual Inspection and Sensory Index

The shape is upright and the surface is smooth and uniform, without soda stains, oil spots and bubbles in the bottom, which shall be in accordance with GB 11333.

5 Soaking Condition

5.1 Solution

Acetic acid (4%): measure glacial acetic acid of 4mL or acetic acid (36%) of 11mL and



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