



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

GB 4806.5-2016

**National Food Safety Standard -- Glass Products
(English Translation)**

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Foreword

This Standard replaces the part of glass products in contact with food of GB 19778-2005, Packaging Glass Containers - Release of Lead, Cadmium, Arsenic and Antimony - Permissible Limits.

Compared with GB 19778-2005, the main changes of this Standard are as follows.

- it changes the name of the standard into "National Food Safety Standard - Glass Products";
- it modifies Scope;
- it modifies Terms and Definitions;
- it increases Material Requirements;
- it increases Sensory Requirements;
- it modifies Physicochemical Indexes;
- it increases requirements for cook ware and mouth margin;
- it increases requirements for migration test; and
- it increases requirements for designation of glass products.

National Food Safety Standard - Glass products

1 Scope

This Standard applies to glass products in contact with food.

2.1 flat ware

the ware whose depth from the margin of itself, along the horizontal plane, to its inside lowest horizontal plane, is less than or equal to 25 mm

2.2 storage vessel

the hollow ware whose volume is greater than or equal to 3 L

2.3 hollow ware

the ware whose depth from the mouth of itself, along the horizontal plane, to its inside lowest horizontal plane, is greater than 25 mm

2.6 cook ware

the ware which is used to heat and prepare food

2.7 margin

the marginal area within 20 mm measured from the edge of glass ware which is externally decorated and in direct contact with human mouth

3 Basic Requirements

Glass products in contact with food shall meet the specifications of GB 4806.1.

4.1 Material requirements

Materials of glass products shall meet the specifications of GB 4806.1.

4.2 Sensory requirements

Glazing of glass products shall be free from flash, crack and gap.

4.3 Physicochemical indexes

Physicochemical indexes are specified in Table 1.

5.2.2 When it is asserted that a product can be used for cooking or in a microwave

oven, such property shall be designated on the product or minimum consumer package.

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