



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

GB 4806.4-2016

National Food Safety Standard -- Ceramic Ware

食品安全国家标准 陶瓷制品

(English Translation)

Issued on: October 19, 2016

Implemented on: April 19, 2017

**Issued by: National Health and Family Planning Commission of the
People's Republic of China**

Table of Contents

Foreword...	3
1 Scope...	4
2 Terms and Definitions...	4
3 Basic Requirements...	4
4 Technical Requirements...	5
5 Others...	5

Foreword

This Standard replaces the corresponding indexes of GB 13121-1991, Hygienic Standard of Ceramics for Food Containers, GB 14147-1993, Permissible Limits of Release of Lead or Cadmium from Ceramic Packaging Vessel in Contact with Food, GB 8058-2003, Standard Permissible Limits and Testing Method for Release of Lead or Cadmium from Ceramic Cookware, and GB/T 12651-2003, Permissible Limits of Lead and Cadmium Release from Ceramic Ware in Contact with Food.

Compared with the above-mentioned standards, the main changes of this Standard are as follows.

- it changes the name of the standard into "National Food Safety Standard - Ceramic Ware";
- it modifies the description of Scope;
- it increases Terms and Definitions;
- it modifies Sensory Requirements;
- it modifies Physicochemical Indexes;
- it increases basic requirements for migration test, and modifies conditions for migration test; and
- it increases Designation.

National Food Safety Standard - Ceramic Ware

1 Scope

This Standard applies to ceramic ware 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 margin of itself, along the horizontal plane, to its inside lowest horizontal plane, is greater than 25 mm

2.4 big hollow ware

the hollow ware whose volume is greater than or equal to 1.1 L and less than 3 L

2.7 cook ware

the ware which is used to heat and prepare food

3 Basic Requirements

Ceramic ware in contact with food shall meet the specifications of GB 4806.1.

4.1 Material requirements

Materials of ceramic ware shall meet the specifications of GB 4806.1.

4.3 Physicochemical indexes

Physicochemical indexes are specified in Table 1.

5.1.1 Basic requirements

Migration test shall be carried out in accordance with GB 31604.1 and GB 5009.156, unless otherwise specified in this Standard.

5.1.2 Food simulant

Only 4% acetic acid solution (volume fraction) shall be selected as food simulant.

5.2 Designation

Designation is specified in GB 4806.1.

.....