



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

GB 4806.3-2016

National Food Safety Standard -- Enamelware

食品安全国家标准 搪瓷制品

(English Translation)

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Foreword

This standard replaces GB 4804-1984 "Hygienic standard for enamel as food containers".

As compared with GB 4804-1984, the main changes of this standard are as follows.

- CHANGE the standard name into "National food safety standard - Enamelware";
- ADD the terms and definitions;
- MODIFY the physical and chemical indicators;
- ADD the migration test requirements;
- ADD the label identification requirements.

National Food Safety Standard -- Enamelware

1 Scope

This standard applies to the food contact enamelware.

2.1 Flat ware

It refers to the enamelware for which the depth from the ware mouth along the horizontal plane to its internal lowest horizontal plane is less than or equal to

2.2 Hollow ware

It refers to the enamelware for which the depth from the ware mouth along the horizontal plane to its internal lowest horizontal plane is more than 25 mm.

3 Basic requirements

The foot contact enamelware shall be in accordance with the provisions of GB 4806.1.

4.1 Sensory requirements

Enamelware shall be smooth in surface, uniform in enameling, AND free from cracks, gaps, fish scales burst, de-enameling, burst point, fracture, pan boiling marks, blisters, and base exposure.

5.1.1 Basic requirements

The migration test shall be conducted in accordance with the provisions of GB

31604.1 and GB 5009.156, except as expressly provided in 5.1.2 and 5.1.3 of this standard.

5.1.3 Migration test conditions (time and temperature)

The migration test time and temperature shall only adopt those as listed in the Table 2.

5.2 Label identification

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