

ICS 71.100.40

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**LIGHT INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

QB/T 2932-2008

Dentifrice

牙粉

(English Translation)

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Table of Contents

Foreword...	3
1 Scope...	4
2 Normative references...	4
3 Requirements...	4
4 Test methods...	5
5 Inspection rules...	8
6 Marking, packaging, transportation, storage, shelf life...	10

Foreword

This standard was proposed by the China Light Industry Federation.

This standard shall be under the jurisdiction of the National Toothpaste Wax Standardization Center.

Drafting organizations of this standard. Shanghai White Cat Co., Ltd., National Light Industry Toothpaste Wax Products Quality Supervision and Monitoring Center.

1 Scope

This standard specifies the requirements, test methods, inspection rules, markings, packaging, transportation, storage, shelf life of dentifrice.

This standard applies to dentifrice for oral applications.

2 Normative references

The provisions in following documents become the provisions of this standard through reference in this standard. For the dated references, the subsequent amendments (excluding corrections) or revisions do not apply to this standard; however, parties who reach an agreement based on this standard are encouraged to study if the latest versions of these documents are applicable. For undated references, the latest edition of the referenced document applies.

GB 8372 Toothpaste

GB/T 191 Packaging - Pictorial marking for handling of goods

GB/T 601 Chemical reagent - Preparations of standard volumetric solutions

GB/T 602 Chemical reagent - Preparations of standard solutions for impurity

GB/T 603 Chemical reagent - Preparations of reagent solution for use in test

GB/T 6682 Water for analytical laboratory use - Specification and test methods

3.1 Sensory, physical-chemical indicators

The sensory and physical-chemical indicators of dentifrice shall meet the requirements of Table 1.

3.4 Net content

The net content of single quantitatively packaged goods shall comply with the provisions of the order No.75 of the State Administration of Quality Supervision, Inspection and Quarantine [2005].

4 Test methods

The reagents and water used in this standard are, unless otherwise specified, analytically pure reagents and grade-3 water which complies with GB/T 6682.

4.1 Appearance

Take a box/bag of dentifrice. Take appropriate amount of sample on white paper or white porcelain plate. Perform visual identification. It shall meet the appearance requirements.

4.2 Fragrance

Take a box/bag of dentifrice. Smell the fragrance to identify it.

4.4.2 Determination procedure

Take a box/bag of dentifrice. Weigh 2 g of specimen (accurate to 0.0001 g) into a constant weight weighing bottle. Put it into an oven which has a constant

temperature of 105 °C for 4 h to dry it to constant weight. Transfer it to the desiccator to cool it to room temperature. Weigh it.

4.5.2 Determination procedure

Take a box/bag of dentifrice. Weigh 5 g of dentifrice (accurate to 0.01 g) from it and place it in a 100 mL beaker. Add 45 mL of distilled water which was pre-boiled and then cooled. Stir it uniformly. Use a calibrated pH meter to make determination at 20 °C.

4.6.1 Instruments

Hard particle analyzer.

4.7 Hygienic indicators

It is determined according to the provisions of GB 8372.

4.8 Net content

Take 10 boxes/bag of samples. Make determination according to the provisions of JJF 1070-2005.

5.1 Classification of inspections

Product inspection is divided into exit-factory inspection and type inspection.

5.1.1 Exit-factory inspection

The product can only exit-factory after passing the inspection by the quality inspection department of the manufacturer according to this standard and being accompanied by the certificate and inspection report.

5.2.1 Group-batch

The products are delivered in batches. The products of the same process conditions, varieties, specifications, date of production form one batch. The consignee can also treat the products of the same varieties and specifications which are delivered in one time as a batch.

5.2.2 Sampling

Use box as unit. According to the batch size, follow the requirements of Table 3 to determine the sample.

6.2 Packaging

Under the conditions of not affecting the product quality, the product's packaging form and packaging materials shall be customized by the enterprise. The inner packaging materials in contact with the contents of the product shall comply with the relevant hygienic and safety requirements. The product shall be packed firmly in the box, with product certificate.

6.3 Transportation

Use clean transportation tools to load the goods. It shall be handled with care, stacked according to the arrow markings on the box. It shall avoid severe vibration, impact, sun and rain exposure.

6.5 Shelf life

The date shall be marked on the visible surface. There are two methods for marking.

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Table of Contents