

**SRI LANKA STANDARD 281 : 1981**  
**UDC 668.583**

**SPECIFICATION FOR**  
**TOOTH POWDER**  
**(FIRST REVISION)**

**BUREAU OF CEYLON STANDARDS**

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**FOREWORD**

This Sri Lanka Standard specification was authorized for adoption and publication by the Council of the Bureau of Ceylon Standards on 1981-07-27, after the draft, finalized by the Drafting Committee on Tooth Powder, had been approved by the Chemicals Divisional Committee.

This revision was undertaken in the light of experience gained during the implementation of the specification. A substantial change has been made in the requirements for fineness of tooth powder. The range of pH and maximum content of heavy metals and arsenic were also changed.

A good tooth powder would exhibit minimum abrasive quality, consistent with maximum cleaning efficiency and effective polishing action. Highly polished teeth resist retention of dental debris, and remain cleaner longer.

Tooth powders contain polishing agents, surface active agents or detergents, colours, flavours and sweetening agents. Additives for special action may be present.

This specification is subject to the restrictions imposed under the Sri Lanka Cosmetics, Devices and Drugs Act No. 27 of 1980 and the regulations framed thereunder wherever applicable.

Dimensions and other characteristics in this specification are given in SI units.

For the purpose of deciding whether a particular requirement of this specification is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with CS 102. The number of figures to be retained in the rounded off values shall be the same as that of the specified value in this specification.

In the preparation of this specification, the considerable assistance derived from publications of the Indian Standards Institution and the United States Federal Supplies Service, General Services Administration is gratefully acknowledged.

## 1 SCOPE

This specification prescribes the minimum requirements and methods of sampling and test methods for both foaming and non-foaming tooth powder for general use.

## 2 REFERENCES

ISO/R 468	Surface roughness
CS 102	Presentation of numerical values
CS 124	Test sieves
SLS 242	Methods for the destruction of organic matter
SLS 311	Determination of lead
SLS 312	Determination of arsenic
SLS 428	Random sampling methods

## 3 REQUIREMENTS

### 3.1 Composition

The tooth powder shall be made from a combination of polishing agents with one or more of the ingredients given in B.3. One or more of the ingredients given in B.2 may also be used. The polishing agents which may be used are listed in B.1.

### 3.2 Flavour

The flavour of the tooth powder shall be distinct and pleasant.

### 3.3 Consistency

The tooth powder shall be a homogeneous mixture and when examined as prescribed in 7.1 shall be a smooth, free-flowing, fine powder free of lumps. It shall not contain any hard abrasive materials.

### 3.4 Irritation

The tooth powder shall not irritate the mucous membrane of the mouth.

### 3.5 Safety

When used in the normal manner, the tooth powder shall not cause injury to the teeth, gums, mucous membrane of the mouth or the body in general.

### 3.6 Specification

The tooth powder shall also comply with the specifications given in Table 1 when tested according to the relevant methods given in Column 4 of the table.