

ICS 71.100.40

CCS Y 43



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

GB/T 45893-2025

Calcium phosphate silicate for oral care products

口腔清洁护理用品用磷硅酸钙

Issued on: June 30, 2025

Implemented on: January 1, 2026

**Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC**

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document was proposed by the China Light Industry Federation.

This document is under the jurisdiction of the National Technical Committee for Standardization of Oral Care Products (SAC/TC492).

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Calcium phosphosilicate for oral hygiene products

1 Scope

This document defines the terms and definitions of calcium phosphosilicate for oral hygiene and care products, and stipulates the technical requirements, inspection rules, marking, packaging, Packaging, transportation, storage and shelf life, and the corresponding test methods are described.

This document applies to biologically active calcium phosphosilicate for oral hygiene and care products.

2 Normative references

GB/T 191

GB/T 1347

GB/T 6678

GB/T 6682

GB/T 8170

GB/T 19587

GB/T 21114

GB/T 23769-2009

GB/T 23774

GB/T 23957-2021

JJF1070

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 bioactivity

The characteristic of inducing a specific biological response at the material interface allows the material and tooth tissue to form a connection.

[Source. YY/T 1447-2016, 3.3, modified]

3.2

An amorphous silicate-based solid composed of the elements calcium, phosphorus, silicon and oxygen that is biologically active (3.1).

Note. Calcium phosphosilicate releases ions when it comes into contact with saliva, forming hydroxyapatite or carbonated hydroxyapatite. The shorter the formation time, the more complete the structure and the more biologically active it is.