



Calcium Silicate

General Characteristics:

Formula: CaSiO₃

Molecular weight: 116.16

Appearance: Calcium silicate occurs as a white to off white, free-flowing powder that remains so after absorbing relatively large amounts of water or other liquids.

Odor: Odorless

CAS Number: [1344-95-2]

EINECS No.: 215-710-8

INS: 552

Solubility: Insoluble in water, alcohol and alkali; soluble in strong acids.

Uses:

- Anticaking agent; filter aid.
- Candy polishing agent; Yeast sugar powder.
- Rice coating agent; deflocculant.

Packing and Storage:

- 25kg net paper bag and PE bags sealed inside.
- Store in a well-closed bag at room temperature, protect from light, moisture and pest infestation.
- Shelf life--- two years

GMO-Status:

The product is a non GMO product and is free from any recombinant DNA.

Irradiation/Radioactivity:

Yunbo's Calcium silicate was never subjected to any kind of ionized irradiation and contains no radioactivity not even in minor amounts.

BSE/TSE:

No raw materials from bovine origin are used nor are any bovine constituents present in the product.



Specifications: (FCC/E552)

Test Parameter	Specification
Assay(SiO ₂)	50.0%~95.0
CaO	3.0%~35.0%
Test for silicate	Passes test
Test for calcium	Passes test
Lead	≤5.0ppm
Loss on Drying	≤10.0 % (105 °C, 2 hours)
Loss on Ignition	5 % ~14 % (1 000 °C, constant weight)
Sodium	≤3.0 %
Fluoride	≤10.0ppm
Arsenic	≤3.0ppm
Lead	≤2.0ppm
Mercury	≤1.0ppm

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