

Calcium Carbonate

General Characteristics:

Formula:	CaCO ₃
Molecular weight:	100.09
Appearance:	Calcium Carbonate occurs as a fine, white or colorless, microcrystalline powder.
Odor:	Odorless
CAS Number:	[471-34-1]
EINECS No.:	207-439-9
INS:	170 (i)
Solubility:	Calcium Carbonate occurs as a fine, white or colorless, microcrystalline powder.

Nutritional Values:

Nutrient		Nutrient Quantity
Protein	-	none
Carbohydrates	-	none
Fat	-	none
Vitamin A	-	none
Vitamin C	-	none
Thiamin	-	none
Riboflavin	-	none
Niacin	-	none
Calcium	-	20.4 – 21.8%
Vitamin D	-	none
Vitamin B-6	-	none
Vitamin B-12	-	none
Heavy metals	-	5 ppm max.
Lead	-	0.3 ppm max.
Fluoride	-	30 ppm max.
Caloric Value	-	163 Kcal/100 gr.
Artificial colors	-	product does not contain artificial color

Uses:

- pH control agent; nutrient; dough conditioner.
- firming agent; yeast nutrient、Creta Preparata.
- swelling agent 、anticaking agent.

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

Microbiological Specification:

Total viable count	500CFU/gr.max
Yeast&Molds	20CFU/10gr.max
E.Coli	Absent in 10 gr.
Staphylococcus Aureus	Absent in 10 gr.
Pseudomonas Aeruginosa	Absent in 10 gr.
Salmonella	Absent in 25 gr.
Coliforms	10 CFU/gr. Max
Listeria Monocytogenes	Absent in 25 gr.

GMO-Status:

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

Irradiation/Radioactivity:

Yunbo's Calcium carbonate 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)

Test Parameter	Specifications
Assay 【CaCO ₃ 】 %	98.0%~100.5%
Test for citrate	Passes test
Test for calcium	Passes test
Loss on drying	≤2.0%
Fluoride	≤0.005%
Arsenic	≤3.0ppm
Lead	≤3.0ppm
Mercury	≤0.0001%
Carbonates	Passes test
Heavy metals	≤0.002%
Magnesium and Alkali Salts	≤1.0%.
Cadmium metal	≤0.0002%