



EPOCH MASTER GLOBAL BUSINESS(JIANGSU)INC.

RM.3-93,TENGFEI BUILDING,NO.88 JIANGMIAO RD., RESEARCH AND INNOVATION PARK,
NANJING ZONE,(JIANGSU) PILOT FREE TRADE ZONE ,CHINA.

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
Solubility:	Calcium Carbonate occurs as a fine, white or colorless, microcrystalline powder.

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:

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/E170/USP/EP)



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Test Parameter	FCC	E170	USP-NF	Ph. Eur
Assay 【CaCO ₃ 】 %	98.0%~ 100.5%	≥98.0	98.0%~ 100.5%	98.0%~ 100.5%
Identification A. B	Passes test	/	Passes test	Passes test
Loss on drying	≤2.0%	≤2.0%	≤2.0%	≤2.0%
Fluoride	≤0.005%	≤0.005%	≤0.005%	/
Chlorides	/	/	/	≤330.0ppm
Sulfates	/	/	/	≤0.25%
Arsenic	≤3.0ppm	≤3.0ppm	≤3.0ppm	≤4.0ppm
Lead	≤3.0ppm	≤3.0ppm	≤3.0ppm	/
Mercury	/	/	≤0.5ppm	/
Cadmium	/	≤ 1.0ppm	/	/
Heavy metals	/	/	≤0.002%	/
Barium	/	/	Passes test	Passes test
Iron	/	/	≤0. 1%	≤0.2%
Acid- insoluble substances	≤0.2%	≤0.2%	≤0.2%	≤0.2%
Magnesium and Alkali Salts	≤ 1.0%.	≤ 1.0%.	≤ 1.0%	≤ 15%