



## Calcium Carbonate-碳酸钙

### Product Description

#### General Characteristics:

|                   |  |
|-------------------|--|
| Formula:          | CaCO <sub>3</sub>  |
| 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 |



# EPOCH MASTER GLOBAL BUSINESS(JIANGSU)INC.

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

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|                        |                  |
|------------------------|------------------|
| 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)**

| Test Parameter     | FCC          | E170    | USP-NF       | Ph.Eur       |
|--------------------|--------------|---------|--------------|--------------|
| Assay 【CaCO3】 %    | 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%       |



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|                            |         |         |             |             |
|----------------------------|---------|---------|-------------|-------------|
| 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%        |