

## Calcium Pyrophosphate

### General Characteristics:

<b>Formula:</b>	CaH <sub>2</sub> P <sub>2</sub> O <sub>7</sub>
<b>Molecular weight:</b>	254.10
<b>Appearance:</b>	White crystal or crystalline powder.
<b>Odor:</b>	Odorless
<b>CAS Number:</b>	[ 7790-76-3]
<b>EINECS No.:</b>	232-221-5
<b>INS:</b>	450(vi)

### Uses:

- Nutritional supplement in food.
- Buffering agent、Neutralizing agent、antagonist.
- Yeast agent、filter aid ; Toothpaste abrasive、Coating packing.

### 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	1000CFU/gr.max
Yeast&Molds	50CFU/gr.max
E.Coli	Absent
Shigella	Absent
S. aureus	Absent
S.hemolyticus	Absent
Salmonella	Absent

### GMO-Status:

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

### Irradiation/Radioactivity:

Yunbo ” s Calcium pyrophosphate 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: ( F C C )**

Test Parameter	Specification
Assay	≥96.0%
P <sub>2</sub> O <sub>5</sub>	55.0%-56.0%
PH of a 10% suspension in water PH	5.5-7.0%
Loss on ignition (800°C±25°C, 30 minutes )	≤1.0%
Fluoride	≤50ppm
Arsenic (As)	≤3.0ppm
Cadmium	≤1.0ppm
Lead (Pb)	≤2.0ppm
Mercury	≤1.0ppm