

## Monocalcium Phosphate Anhydrous

### General Characteristics:

<b>Formula:</b>	Ca(H <sub>2</sub> PO <sub>4</sub> ) <sub>2</sub>
<b>Molecular weight:</b>	234.05
<b>Appearance:</b>	Colorless or white crystalline powder
<b>Odor:</b>	Odorless
<b>CAS Number:</b>	7758-23-8
<b>EINECS No.:</b>	231-837-1
<b>INS:</b>	341(i)
<b>Solubility:</b>	Slightly soluble in water

### Nutritional Values:

Nutrient	Nutrient Quantity
Calories	none
Cholesterol	none
Sodium	not analyzed
Total carbohydrate	none
Dietary fiber	none
Total sugars	none
Add sugars	none
Protein	none
Vitamin D	none
Calcium	17,700mg/100gr
Iron	not analyzed
Potassium	not analyzed
Phosphorus	25,700mg/100gr
Magnesium	not analyzed
Vitamin A	none
Vitamin B1-thiamin	none
Vitamin B2-riboflavin	none
Vitamin C	none
Niacin	none
Folate	none
Water	15
Ash	85

### Uses:

- Nutritional supplement in food, Aerated agent in baked goods.
- Stabilizer, Dough modifier, swelling agent, emulsifier.
- Buffering agent, Improve the adhesion and water holding capacity of food.

- A seasoning for wine, fermentation promoter.

### **Packing and Storage:**

- 25kg /bag.A multiply paper bag with poly inner liner.
- 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	25CFU/gr.max
E.Coli	Absent in 10 gr.

### **GMO-Status:**

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

### **Irradiation/Radioactivity:**

Yunbo's Monocalcium phosphate 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/E341 ( i )):**

Test Parameter	Specifications
Assay as Ca, Unignited basis	16.8%18.3%
Loss on ignition	14.0%~15.5%
Heavy metal(as Pb)	≤10.0ppm
Fluoride(F)	≤0.005%
Arsenic(As)	≤3.0ppm
Lead	≤2.0ppm
Mercury	≤1.0ppm
Cadmium	≤1.0ppm