



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

## **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

### **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	1,000CFU/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.



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## Specifications (FCC/E341(i)):

Test Parameter	FCC	E341 (i)
Test for calcium	/	Passes test
Test for phosphate	/	Passes test
Assay(As dried basis)	/	≥95.0%
P <sub>2</sub> O <sub>5</sub>	/	55.5%~61.1%
Assay as Ca, Unignited basis	16.8%18.3%	
CaO content	/	23.0%~27.5%
Loss on ignition	14.0%~15.5%	≤14.0%
Loss on drying		≤17.5%
Fluoride(F)	≤0.005%	≤0.003%
Arsenic(As)	≤3.0ppm	≤1.0ppm
Lead	≤2.0ppm	≤1.0ppm
Mercury	/	≤1.0ppm
Cadmium	/	≤1.0ppm
Aluminium	/	≤200.0ppm

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EPOCH MASTER GLOBAL BUSINESS(JIANGSU)INC.

LI BINGBO (1)