



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 Monohydrate

### General Characteristics:

<b>Product code:</b>	MCPM325
<b>Formula:</b>	$\text{Ca}(\text{H}_2\text{PO}_4)_2 \cdot \text{H}_2\text{O}$
<b>Molecular weight:</b>	252.07
<b>Appearance:</b>	White crystalline powder,or plate crystal
<b>Odor:</b>	Odorless
<b>CAS Number:</b>	10031-30-8
<b>EINECS No.:</b>	231-837-1
<b>Solubility:</b>	It is sparingly soluble in water and is insoluble in alcohol.

### Uses:

- Buffering agent、 Nutritional supplement in food、 leaven
- Firming agent、 Aerated agent in baked goods、 Stability agent
- Swelling agent 、 Increase saccharification power、 Tissue improver

### 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



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present in the product.

### 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%
Assay as Ca, Unignited basis	15.9%-17.7%	/
CaO content	/	19.0%~24.8%
Loss on ignition	/	≤25.0%
Loss on drying	≤1.0%	≤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

Product Code	Granularity	Particle size(mesh/μm)
MCPM325	Powder	99% pass 325mesh

佰阿斯达国际贸易(江苏)有限公司  
EPOCH MASTER GLOBAL BUSINESS(JIANGSU)INC.

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