



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:

| | |
|--------------------------|---|
| Product code: | MCPM70 |
| Formula: | $\text{Ca}(\text{H}_2\text{PO}_4)_2 \cdot \text{H}_2\text{O}$ |
| Molecular weight: | 252.07 |
| Appearance: | White crystalline powder,or plate crystal |
| Odor: | Odorless |
| CAS Number: | 10031-30-8 |
| EINECS No.: | 231-837-1 |
| Solubility: | 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 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% |
| 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) |
|--------------|-----------------|------------------------|
| MCPM70 | Large particles | On 70 mesh |

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

李兵波

LI BINGBO (I)