

Monocalcium Phosphate Monohydrate

General Characteristics:

Formula:	Ca(H ₂ PO ₄) ₂ ·H ₂ O
Molecular weight:	252.07
Appearance:	White crystalline powder, or plate crystal
Odor:	Odorless
CAS Number:	10031-30-8
EINECS No.:	231-837-1

Nutritional Values:

Nutrient		Nutrient Quantity
Sodium	-	not analyzed
Total carbohydrate	-	none
Dietary fiber	-	none
Total sugars	-	none
Added sugars	-	none
Protein	-	none
Vitamin D	-	none
Calcium	-	16,700mg/100g
Iron	-	not analyzed
Potassium	-	not analyzed
Phosphorus	-	24,200mg/100 gr.
Magnesium	-	not analyzed
Vitamin A	-	none
Vitamin B1-thiamin	-	none
Vitamin B2-riboflavin	-	none
Vitamin C	-	none
Niacin	-	none
Folate	-	none
Water	-	20.1g/100gr
Ash	-	79.9g/100gr

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	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	15.9%-17.7%
Loss on ignition	14.0-15.5%
Heavy metal	≤10ppm
Fluoride(F)	≤0.005%
Arsenic(As)	≤3.0ppm
Lead	≤2.0ppm
Mercury	≤1.0ppm
Cadmium	≤1.0ppm