



EPOCH MASTER GLOBAL BUSINESS(JIANGSU)INC.

RM.3-93,TENGFEE BUILDING,NO.88 JIANGMIAO RD., RESEARCH AND INNOVATION PARK,

NANJING ZONE,(JIANGSU) PILOT FREE TRADE ZONE ,CHINA

SPECIFICATION

PRODUCT NAME: Monocalcium Phosphate Anhydrous
ORIGIN:CHINA

Product Description

General Characteristics:

Formula: $\text{Ca}(\text{H}_2\text{PO}_4)_2$

Molecular weight: 234.05

Appearance: Colorless or white crystalline powder

Odor: Odorless

CAS Number: 7758-23-8

EINECS No.: 231-837-1

INS: 341(i)

Solubility: 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:

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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.

Specifications	Product Code	Granularity	Particle size(mesh/ μm)
Monohydrate	MCPM COARSE	Coarse Powder	/
	MCPM70		
	MCPM325		
Anhydrous			

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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%
P2O5	/	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 (I)