



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

## SPECIFICATION

PRODUCT NAME: Dicalcium Phosphate Anhydrous  
ORIGIN:CHINA

### Product Description

#### General Characteristics:

**Formula:**  $\text{CaHPO}_4$

**Appearance:** White powder

**Molecular weight:** 136.06

**Odor:** Odorless

**CAS Number:** 7757-93-9

**EINECS No.:** 231-826-1

**INS:** 341(ii)

**Solubility:** Almost insoluble in water, insoluble in ethanol, soluble in acid.

#### Uses:

Polishing agent,emulsifier,dough modifier,water retention agent.  
Loose machine, stabilizer,nutritional supplements,creta preparata.  
Fortification of cereals and other processed food, poultry auxiliary feed.

#### Packing and Storage:

25kg/net paper bag and PE bags sealed inside.



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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 50CFU/gr.max

E.Coli Absent

Shigella Absent

S. aureus Absent

S.hemolyticus Absent

Salmonella Absent

## GMO-Status:

The product is a non GMO product and is free from any recombinant DNA.

## Irradiation/Radioactivity:

Yunbo's Dicalcium phosphate anhydrous 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.

Product Code	Product Code	Granularity	Particle size(mesh/ $\mu$ m)
Dicalcium Phosphate Anhydrous	DCPA20-60(TAB)	Large particles	20-60 mesh
	DCPA100(TAB)	Medium particles	On100 mesh >60%
	DCPA100-300	Coarse Powder	Pass 200 mesh $\geq$ 50%
	DCPA325	Powder	99% pass325 mesh
	DCPA5W	Super powder	4 $\mu$ m



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## Specifications(BP/USP/E341(ii)/FCC):

Test Parameter	Ph.Eur	USP-NF	E341(ii)	FCC
Appearance	White or almost white crystalline powder or colourless crystals	White or almost white crystalline powder or colourless crystals	White or almost white crystalline powder or colourless crystals	Occurs as a white powder
Identification A	Passes test	Passes test	Passes test	Passes test
Identification B	Passes test	Passes test	Passes test	Passes test
Identification C	It complies with the limits of the assay			
Assay 【Ca, asCaHPO4】	97.5%~102.5%	98.0%~103.0%	98.0%-102.0%	97.0%-105.0%
P2O5			50.0-52.5%	
Loss on ignition	6.6%-8.7%	6.6%~8.5%	≤8.5%	7.0%-8.5%
Heavy metal(as Pb)		≤0.003%		
Mercury			≤1.0ppm	
Arsenic	≤10.0ppm	≤3.0ppm	≤1.0ppm	≤3.0ppm
Lead			≤1.0ppm	≤2.0ppm
Cadmium			≤1.0ppm	
Aluminium			≤100.0ppm	
Chloride	≤0.25%	≤0.25%		
Sulfate	≤0.5%	≤0.5%		
Acid-insoluble substances	≤0.2%	≤0.2%		
Carbonate	To pass the test	To pass the test		
Barium	To pass the test	To pass the test		
Limit of fluoride	≤100.0ppm	≤50.0ppm	≤50.0ppm	≤50.0ppm

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

LI BINGBO (1)