



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

## Dicalcium Phosphate Dihydrate

### General Characteristics:

<b>Formula:</b>	CaHPO <sub>4</sub> ·2H <sub>2</sub> O
<b>Appearance:</b>	White powder
<b>Molecular weight:</b>	172.09
<b>Odor:</b>	Odorless
<b>CAS Number:</b>	[7789-77-7]
<b>EINECS No.:</b>	231-826-1
<b>INS:</b>	341(ii)
<b>Solubility:</b>	Practically insoluble in water and in ethanol(96%). It dissolves In dilute hydrochloric acid and in dilute nitric acid

### Uses:

- Calcium fortification food.
- Aerated agent、 Nutritional supplements.
- Stability agent、 Toothpaste friction agent.

### Packing and storage:

- 25kg/net paper bag and PE bags sealed inside.
- 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	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 dihydrate 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(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, asCaHPO <sub>4</sub> 】	98.0%~105.0%	98.0%~105.0%	98.0%-102.0%	97.0%-105.0%
P2O5			50.0-52.5%	
Loss on ignition	24.5%-26.5%	24.5%~26.5%	≤26.5%	24.5%-26.5%
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
Iron	≤400.0ppm			

Product Code	Granularity	Particle size(mesh/μm)
DCPD20-60(TAB)	Large particles	20-60 mesh
DCPD100(TAB)	Medium particles	On100 mesh >60%
DCPD100-300	Coarse Powder	Pass 200 mesh ≥50%
DCPDToothPaste	Powder	99% pass325 mesh
DCPD325	Powder	99% pass325 mesh

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

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