



DICALCIUM PHOSPHATE ANHYDROUS

❖ General Characteristics:

- **Formula:** CaHPO₄
- **Molecular weight:** 136.06
- **Appearance:** White powder
- **Odor:** Odorless
- **CAS Number:** [7757-93-9]
- **EINECS NO:** 231-826-1
- **solubility:** Almost insoluble in water, insoluble in ethanol, soluble in acid.

❖ 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	-	29,200mg/100gr
Iron	-	not analyzed
Potassium	-	not analyzed
Phosphorus	-	22,600mg/100 gr.
Magnesium	-	not analyzed
Vitamin A	-	none
Vitamin B1-thiamin	-	none
Vitamin C	-	none



Niacin	-	none
Folate	-	none
Water	-	7.6g/100gr
Ash	-	92.4g/100gr

❖ **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 with PE bag inner.
- Store in dry, well ventilated warehouse and keep away from direct sunlight
- 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 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(USP/BP/E341(ii)/FCC:**

Test parameter	Specifications
Assay 【 Calcium, asCaHPO4】 %	≥97.0 - 105.0%
Appearance	White powder or odorless granular
Identification A	Positive for phosphate
Identification B	Positive for calcium
Identification C	It complies with the limits of the assay
Loss on drying	≤2.0%
Loss on ignition	6.6-8.5%
P ₂ O ₅	51.0-52.5%
CaO	39.0-42.0%
Heavy metal(as Pb)	≤10ppm
Lead	≤0.5ppm
Mercury	≤1ppm
Arsenic	≤3ppm
Cadmium	≤1ppm
Iron	≤ 200ppm
Chloride	≤0.05%
Sulfate	≤0.2%
Acid-insoluble substances	≤0.2%
Carbonate	To pass the test
Barium	To pass the test
Limit of fluoride	≤ 0.015%