

Dicalcium Phosphate Anhydrous

General Characteristics:

| | |
|--------------------------|---|
| Formula: | 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. |

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 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 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(i i)/FCC:

| Test Parameter | Specifications |
|---|--|
| Assay 【 Calcium, asCaHPO ₄ 】 % | 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 | ≤1.0% |
| Loss on ignition | 7.0%~8.5% |
| Heavy metal(as Pb) | ≤0.003% |
| Mercury | ≤1.0ppm |
| Arsenic | ≤3.0ppm |
| Cadmium | ≤1.0ppm |
| Chloride | ≤0.25% |
| Sulfate | ≤0.5% |
| Acid-insoluble substances | ≤0.2% |
| Carbonate | To pass the test |
| Barium | To pass the test |
| Limit of fluoride | ≤50.0ppm |