



Calcium Phosphate, Dibasic Anhydrous
(Dicalcium Phosphate Anhydrous)
FCC/USP/EC/EP

Empirical Formula: CaHPO_4
CAS Number: 7757-93-9
Molecular Weight: 136.06

Physical Characteristics

White powder granular, soluble in water,
insoluble in alcohol

Applications

- Prescription & OTC Tablets
- Cereals
- Processed Food
- Mineral Supplement
- Pet Food
- Flour

Manufacturer's Certifications

- AIB and GMP certified
- Star-K Kosher Certificate
- ISO 9001, 14001, QHS 1800
- HACCP

Packaging and Storage

- 50 lbs net paper bag with PE bag inner or 2,000 lb super sacks
- Store in a well ventilated warehouse and keep away from direct sunlight
- Shelf life — two years

| Test Parameters | Specification |
|--|----------------|
| Identification A | Positive |
| Identification B | Positive |
| Identification C | Complies |
| Assay | 98.0 – 102.0% |
| Arsenic | ≤ 3 ppm |
| Fluoride | $\leq 0.005\%$ |
| Lead | ≤ 2 ppm |
| Loss on Ignition | 7.0-8.5% |
| Carbonate | Conforms |
| Chloride | $\leq 0.25\%$ |
| Sulfate | $\leq 0.50\%$ |
| Barium | Conforms |
| Heavy Metals | ≤ 30 ppm |
| Acid-Insoluble substances | $\leq 0.2\%$ |
| Mercury | ≤ 1 ppm |
| Cadmium | ≤ 1 ppm |
| P ₂ O ₅ (as Anhydrous) | 50.0% - 52.5% |
| Iron | 400 ppm |
| Salmonella | Negative |
| E. Coli | Negative |
| Total Plate Count | 1000 cfu/g |
| Yeast, Molds | 100 cfu/g |
| Coliform | Negative |

Complies with FCC/USP/EC/EP

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