



Calcium Phosphate, Tribasic (Tricalcium Phosphate) FCC/EC/NF

Empirical Formula: $\text{Ca}_5\text{OH}(\text{PO}_4)_3$
 CAS Number: 12167-74-7
 Molecular Weight: 502.31

Physical Characteristics

White powder, odorless, tasteless, relative density — soluble in water

Applications

- Dry Mixes
- Cereals
- Orange Juice
- Processed Food
- Vitamins
- Prescription & OTC Tablets
- Dental
- Table Salt

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 dry, well ventilated warehouse and keep away from direct sunlight
- Shelf life — two years

Test Parameter	Specifications
Identification A	Positive
Identification B	Positive
Assay - Calcium	34.0-40.0%
Arsenic	≤ 3 ppm
Fluoride	≤ 0.0050%
Lead	≤ 2 ppm
Loss on Ignition	≤ 8.0%
Water-soluble substances	≤ 0.5%
Acid Insoluble substances	≤ 0.2%
Carbonate	Complies
Chloride	≤ 0.14%
Sulfate	≤ 0.8%
Barium	Complies
Dibasic Salt & Calcium Oxide	Complies
Nitrate	Complies
Heavy Metals	≤ 0.003%
Mercury	≤ 1 ppm
Cadmium	≤ 1 ppm
P2O5 (as Anhydrous)	38.5% - 48.0%
Assay (ignited basis)	90% min.
Salmonella	Negative
E. Coli	Negative
Total Plate Count	1000 cfu/g
Yeast, Molds	100 cfu/g
Coliform	Negative

Complies with EC/FCC/NF

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