



**C**alcium Phosphate, Dibasic Dihydrate  
(Dicalcium Phosphate Dihydrate)  
FCC/USP/EC/EP

Empirical Formula:  $\text{CaHPO}_4 \cdot \text{H}_2\text{O}$   
CAS Number: 7789-77-7  
Molecular Weight: 172.09

### Physical Characteristics

White powder granular, soluble in water,  
insoluble in alcohol

### Applications

- Toothpaste
- Vitamins
- Leavening Agent
- Protein Modifier

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

Test Parameters	Specifications
Identification A	Positive
Identification B	Positive
Identification C	Complies
Assay	98.0-102%
Arsenic	≤ 3 ppm
Fluoride	≤ 0.005%
Lead	≤ 2 ppm
Loss on Ignition	24.5-26.5%
Carbonate	Conforms
Chloride	≤ 0.25%
Sulfate	≤ 0.50%
Barium	Conforms
Heavy Metals	≤ 30 ppm
Acid-Insoluble substances	≤ 0.2%
Mercury	≤ 1 ppm
Cadmium	≤ 1 ppm
P <sub>2</sub> O <sub>5</sub> (as Anhydrous)	50.0-52.5 %
Iron	401 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

### Headquarters

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