



Lianyungang Kede Chemical Industry Co.,Ltd.

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Di calcium Phosphate

- Chemical Name: Di calcium Phosphate
- Formula: $\text{CaHPO}_4 \cdot 2\text{H}_2\text{O}$
- Molecular Weight: 172.09
- Specificity: White,monoclinic crystalline power; odourless;tasteless, relative density: 2.32 ; slightly soluble in water, soluble in dilute Hydrochloric,Nitric and Acetic acid. Steady in air,when heated to 120°C,it loses crystal water.
- Quality standard:

Name of index	FCC-V
Appearance	White powder
Content (As $\text{CaHPO}_4 \cdot 2\text{H}_2\text{O}$) , %	97.0~105.0
Loss on ignition, %	24.5~26.5
Heavy metal (As Pb) , %	≤ 0.0015
Pb, %	≤ 0.0002
Arsenic (As), %	≤ 0.0003
Fluorides (As F) , %	≤ 0.005
Acid-insoluble Substances, %	---

- USES:In food industry,it used as bulking agent,flour improver, swelling agent and quality improvers for flour,cake,pastry,biscuit. In medicine industry, it is used to make calcium tablets, or as troche medicine additives, to supply Calcium and Phosphorus for human body.
- Packing: It is packed with polyethylene bag as inner, and a composite paper bag as the outer layer.The net weight of each bag is 25kg.
- Storage and Transport: It should be stored in a dry, ventilative and clean warehouse,kept away from moisture and hot,futhermore, it shoud be stored separately from poisonous.Its expiry date is two year.