



Lianyungang Kede Chemical Industry Co.,Ltd.

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Mono calcium Phosphate

- Chemical Name: Mono calcium Phosphate
- Formula: $\text{Ca}(\text{H}_2\text{PO}_4)_2 \cdot \text{H}_2\text{O}$
- Molecular Weight: 252.07
- Specificity: White crystalline power or plate crystal, specific gravity: 2.22, slightly soluble in water (1.8%,30°C), and in nature of hygroscopicity, will be of acidity after hydrolyzing.Insoluble in ethanol. when heated to 109°C,it loses crystal water.
- Quality standard:

Name of index	FCC-V/E341i
Content(As Ca),%	15.9-17.7
Arsenic(As),% ≤	0.0003
Heavy metals(As Pb) ,% ≤	0.0015
Fluorides(As F),% ≤	0.005
Loss on drying(60°C) ,% ≤	1.0
Lead(Pb) ,% ≤	0.0005

- USES:In food industry,it is used as bulking agent for pastry and cake,bread improver or buffer , humectants for meat,curing agent for pectin; yeast, nutrition enhancer , chelant etc.
For brewing, it can enhance diastatic activity, ferment capacity.
- 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 water and moisture, futhermore, it shoud be stored separately from poisonous. Its expiry date is eighteen month.