



Lianyungang Kede Chemical Industry Co.,Ltd.

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Tri calcium Phosphate

- Chemical Name: Tri calcium Phosphate
- Formula: $\text{Ca}_3 (\text{PO}_4)_2$
- Molecular Weight: 1004.64
- Specificity: White powder, odourless, tasteless, relative density: 3.18. Difficultly soluble in water or ethanol, easily soluble in dilute Hydrochloric, Nitric Acid. Steady in air.
- Quality standard:

Name of index	FCC-V
Appearance	White Powder
Content(As Ca), %	34.0~40.0
Heavy metal (As Pb), %	≤ 0.0015
Arsenic (As), %	≤ 0.0003
Pb, %	0.0005
Fluorides (As F), %	≤ 0.0075
Loss on heating (200°C), %	---
Loss on ignition (800°C), %	10.0
Clear grade,	---

- USES: In food industry, it is used as anticaking agent, nutrition enhancer (as calcium), PH regulator, buffer. such as anticaking agent for flour, additives for milk powder, sweet, Pudding, spice and meat; refined additives for animal oil, yeast food and so on. Also used as bulking agent for plastic and china.
- 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, furthermore, it should be stored separately from poisonous. Avoid damage to the bags. Its expiry date is three year.