

Tricalcium Phosphate

Calcium phosphate ingredient for qualified anti-caking, calcium-source and buffering applications.

CAS No. 10103-46-5	EC / List No. 233-283-6	Transport Non-dangerous goods
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Product Information

Calcium phosphate ingredient for qualified anti-caking, calcium-source and buffering applications.

Specifications

Parameter	Specification
Appearance	White powder
Calcium content	34.0–40.0 %
Lead	≤0.0002 %
Heavy metals	≤0.0015 %
Moisture	≤0.5 %
Particle size	Passes through 325 mesh

Grade-specific supply limits. The agreed specification and batch COA govern delivery.

Typical Properties

Property	Typical Value
Molecular formula	Ca ₃ (PO ₄) ₂
Molecular weight	310.18 g/mol

Applications

Powder anti-caking systems: Ingredient for selected permitted powder-flow and anti-caking applications.

Calcium-source formulations: Calcium phosphate for qualified food formulation development.

Buffering and food processing: Ingredient for selected permitted buffering and processing concepts.

Packaging / Storage

Item	Information
Packing	25 kg composite woven/paper bags with PE liner
Storage	Store tightly closed in a cool, dry, well-ventilated place. Protect from moisture, excessive heat, direct sunlight and incompatible chemicals.
Handling	Provide effective ventilation during powder transfer. Wear suitable protective gloves, safety goggles and work clothing. Avoid airborne dust, ingestion and unnecessary skin or eye contact.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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