

SPECIFICATION

Product Name: Mono Calcium Phosphate Feed Grade
Chemical Formula: $\text{Ca}(\text{H}_2\text{PO}_4)_2$
CAS Number: 7758-23-8
Molecular Weight: 234.05 g/mol
Appearance: White to off-white powder or granules
Odor: Odorless

Chemical Composition

Parameter	Unit	Typical Value	Specification
Total Phosphorus	%	22.41	22.0 Min
Calcium	%	13.76	13.0 Min
Fluorine	%	0.13	0.18 Max
Arsenic	PPM	4.8	15 Max
Lead	PPM	3.8	15 Max
Cadmium	PPM	0.56	10 Max
Moisture	%	0.04	-

Physical Properties

- Solubility: Soluble in water; insoluble in alcohol.

Shelf Life & Storage

- Shelf Life: 5 years from date of manufacture under recommended storage.
- Storage Conditions: Store in a cool, dry, and well-ventilated area. Keep bags/containers tightly closed after opening. Protect from moisture and humidity (product is slightly hygroscopic). Keep away from direct sunlight and heat sources. Store on pallets above floor level to avoid dampness.

Applications

- Use: Mineral mixtures and premixes for balanced nutrition.
- Dosage: Depends on total diet formulation and existing phosphorus/calcium levels.

Packaging

- Standard Packing: 25 kg woven PP bags with inner liner, 1 kgs and 100 grams or as per customer requirement.
- Labeling: Product name, batch number, net weight, manufacture date, expiry date, and manufacturer details.

* Specifications are based on the manufacturer's provided specifications.