



JIANGSU KHONOR CHEMICALS CO.,LIMITED

TECHNICAL DATASHEET

Name	Monosodium phosphate anhydrous	
Molecular structure		
Appearance	White or transparent crystal	
Bulk density	2.36g/cm ³	
Relative molecule weight	119.96	
Molecule formula	NaH ₂ PO ₄	
Cas No.	7558-80-7	
Quality Standard	FCC VII	
Content (Dry Basis) ≥%	98.0-103.0	
Arsenic(As) ≤%	0.0003	
Fluoride ≤%	0.005	
Water Insoluble subs. ≤%	0.2	
Lead ≤%	0.0004	
PH of 1% solution ≤%	4.1-4.7	
Loss on drying ≤%	2.0	

Applications

- Food Industry: Buffering agent, acidity regulator, dispersant (food grade)
- Feed Additive: Source of phosphate, pH adjuster
- Laboratory & Chemical Use: Component for buffer solutions, chemical reagent
- Industrial Uses: Water treatment, ceramics, chemical manufacturing

Packaging & Storage

- Packaging: 25 kg kraft paper bag with PE liner (custom options available)
- Storage Conditions: Cool, dry, ventilated; avoid moisture and high temperature
- Shelf Life: Typically 24 months under sealed, dry storage

Safety & Handling

- Hygroscopic; avoid exposure to moisture
- Use personal protective equipment to prevent dust inhalation
- Refer to MSDS/SDS for detailed safety and handling instructions