Trisodium Phosphate (TSP)

NaPO·12HO | Technical, 98% min dodecahydrate, and anhydrous

PRODUCT OVERVIEW

Technical trisodium phosphate for boiler water treatment, water softening, industrial cleaners, degreasing and metal pretreatment. Irritates skin, eyes and airways: wear goggles and gloves, control dust and store below about 40 °C.

TYPICAL SPECIFICATION

Characteristic	Units	Typical value	Test method
NaPO·12HO (crystals)	-	**98.0% min**	Acid-base titration
PO (crystals)	-	**18.3% min**	Gravimetric (quinoline phosphomolybdate)
NaPO (anhydrous)	-	**97–98% min**	Acid-base titration
Sulphate (SO)	-	**0.5% max**	Turbidimetric
Chloride (Cl)	-	**0.4% max**	Titration
Water-insoluble matter	-	**0.1% max**	Gravimetric
Iron (Fe)	-	**0.01% max**	ICP / colorimetric
Arsenic (As)	-	**0.005% max**	AAS / ICP
pH (1% solution)	-	**11.5–12.5**	pH meter
Appearance	-	**White crystals; white anhydrous powder or granules**	Visual

SUPPLY AND PACKING

25 kg and 50 kg woven bags with PE liner and lined jumbo bags of about 1,000 kg. Not dangerous goods, per most SDSs. FOB, CFR and CIF on request; pack sizes and loads are confirmed with each offer.

DOCUMENTATION

Every shipment includes a Certificate of Analysis. Certificate of Origin and MSDS are available on request. Destination-specific import or phytosanitary documentation is confirmed where applicable.

NOTICE

Values are typical and published for reference; they are not a certificate of analysis. Agree the specification of the offered batch, the packing and any destination requirements before ordering.