

Quick Details:

Product:TSP / trisodium phosphate

Classification:Phosphate

Type:Sodium Phosphate

CAS No.:10101-89-0

Other Names:trisodium phosphate tsp

MF:Na₃PO₄ / Na₃PO₄.12H₂O

EINECS No.:231-509-8

Place of Origin:China (Mainland)

Grade Standard:Food Grade, Industrial Grade

Purity:98%

Appearance:colorless or white acicular crystal

Application:Water Softener

Brand Name:DITAI

Model Number:TSP 98%min

Formula weight::311.1564

PH:11.5~12.1

Specifications:

Characters	Specifications	Results
Appearance	White granular crystal powder	White granular crystal powder
Solubility	easily soluble in water	Complies
Tests		
Main content%(Na₃PO₄.12H₂O) ≥	98.0	98.15
Phosphorus pentoxide% ≥	18.3	18.39
Sodium oxide, as Na₂O	16-19	17.76
Sulfate, as SO₄ % ≤	0.5	0.22
Water insoluble % ≤	0.10	0.02
Chloride(as Cl) % ≤	0.4	0.12
Arsenic, as As% ≤	0.005	0.003
Iron as Fe% ≤	0.01	0.006
PH value (10g/L solution)	11.5-12.5	12.13
Conclusion: the test results conform to HG/T2517-2009 (Tech Grade) PASS		
Storage: store at a cool, dry and well ventilated place		

Application:

Used as water softener, cleaning agent in electroplating, boiler compound, metal antirusting agent, dyestuff intermediate desiccant, sugar juice purifying agent, photographic developer, coagulating agent of rubber latex, color fixer in fabric dyeing and flux in enamel ware manufacturing and so on.