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Trisodium Phosphate (TSP) Specification

Food grade Trisodium Phosphate is a water soluble, white powder, made by high temperature calcification. In the food industry it is used as a water conservative that is applied to canned drinks, fruit drinks, milk products, meat products, and cheeses.


CAS No.	Anhydrous: 7601-54-9; Dodecahydrate: 10101-89-0
E No.	E339
HS Code	283529
Molecular Formula	Na ₅ P ₃ O ₁₀
Packaging	25kg
Place of origin	China
Certificate	Haccp, Kosher, Hala, ISO
Payment terms:	T/T or L/C
Port of dispatch	Shanghai, Tianjin, Qindao
Applications	Food grade Trisodium Phosphate appears as colorless to white granules or powder. This product is used in the food industry as a buffer, emulsifier, anti-caking agent and nutritional supplement.

Trisodium Phosphate

PRODUCT NAME:	Trisodium Phosphate
Molecular formula:	Na ₃ PO ₄ , Na ₃ PO ₄ ·H ₂ O , Na ₃ PO ₄ ·12H ₂ O

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Molecular weight:	Anhydrous: 163.94; Monohydrate 181.96, Dodecahydrate: 380.18	
CAS NO.:	Anhydrous: 7601-54-9; Dodecahydrate: 10101-89-0	
Performance:	It is colorless to white crystal, powder or crystalline powder. It's odorless, easily soluble in water but insoluble in ethanol.	
Packing:	It is packed with polyethylene bag as liner and a compound plastic woven bag as the outer layer. The net weight of each bag is 25kg.	
Storage and transport:	It should be stored in a dry and ventilating warehouse, kept away from moisture and heat, unload with care as to avoid damage to packing. Furthermore, it should be stored separately from poisonous sub	
use:	In food processing industry, it is used as buffering agent, emulsifier, anti-caking agent, antioxidant additive, nutrition supplement, metal chelating agent.	
other information:	Item	Specification
	Anhydrous Na ₃ PO ₄ (in dry basis)w/% ≥	97.0
	Monohydrate Na ₃ PO ₄ ·H ₂ O,w/% ≥	
	Dodecahydrate Na ₃ PO ₄ ·12H ₂ O,w/% ≥	
	Heavy Metals(Pb),mg/kg ≤	10
	Pb,mg/kg ≤	4
	Fluorides(F),mg/kg ≤	50
	Insoluble In Water,w/% ≤	0.2
	pH Value(10g/L)	11.5~12.5
	As,mg/kg ≤	3
	Loss On Ignition,w/%	(Na ₃ PO ₄) ≤
(Na ₃ PO ₄ ·H ₂ O)		8-11
(Na ₃ PO ₄ ·12H ₂ O)		45~57

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We're Food grade Trisodium Phosphate **Manufacturers, Suppliers and Wholesalers** in China. Based on our 15 years in food additives & ingredients market, we have a knowledge of China market and manufacturers. We can help our abroad customers save time selecting good manufacturers and update the current market in China.

Contact Us

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