

3-3 Tetrasodium Pyrophosphate (TSPP)

I. Product Overview

Product Name: Tetrasodium Pyrophosphate (TSPP)

Category: Sodium Phosphate Salt

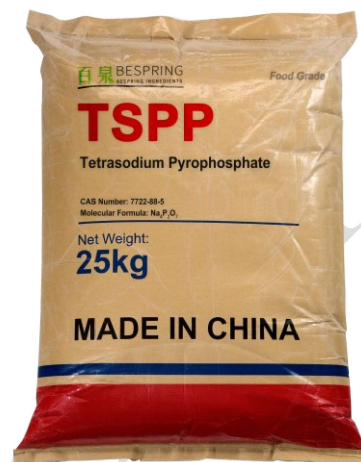
CAS Number: 7722-88-5

Molecular Formula: $\text{Na}_4\text{P}_2\text{O}_7$

Packing Specifications: 25 kg/bag, 20 tons/20FCL

Minimum Order Quantity: 500 kg

Quality Standards: HACCP, Kosher, Halal, ISO



II. Product Specifications

Item	Unit	Specification
Content ($\text{Na}_4\text{P}_2\text{O}_7$)	%	96.5-100.5
P_2O_5	%	52.5-54
Loss on Drying	%	≤ 0.5
Insoluble Matter	%	≤ 0.20
pH of 10g/L Solution	-	9.9-10.7
Orthophosphate	-	Passes test
Arsenic (As)	%	≤ 0.0003
Heavy Metals (as Pb)	%	≤ 0.001
Fluoride (as F)	%	≤ 0.005
Lead (Pb)	%	≤ 0.0004
Ignition Loss	%	≤ 0.5
Appearance	-	White powder or granular

III. Applications

- In the food industry, including dairy products, processed meats, processed cheeses, and beverages, it is used as a water retention agent. In industrial applications, it serves as a water softener, boiler descaling agent, and metal ion chelating agent.

IV. Storage Conditions

Tetrasodium Pyrophosphate (TSPP) should be stored in a cool, dry, and ventilated place, away from direct sunlight and high temperature and humidity environments. The storage temperature should not exceed 30°C.

Bespring Chemical