

3-8 Sodium Tripolyphosphate (STPP)

I. Product Overview

Product Name: Sodium Tripolyphosphate (STPP)

Category: Sodium Phosphate Salt

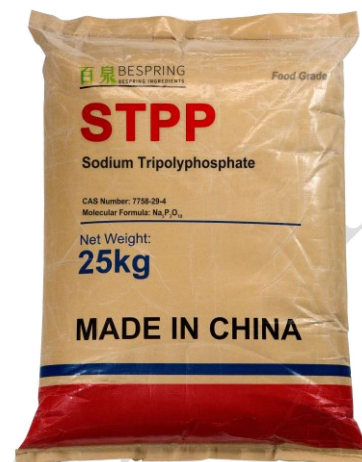
CAS Number: 7758-29-4

Molecular Formula: $\text{Na}_5\text{P}_3\text{O}_{10}$

Packing Specifications: 25 kg/bag, 22 tons/20FCL

Minimum Order Quantity: 500 kg

Quality Standards: HACCP, Kosher, Halal, ISO



II. Product Specifications

Item	Unit	Specification
Appearance	-	White powder or granules
Sodium Tripolyphosphate ($\text{Na}_5\text{P}_3\text{O}_{10}$) Content	%	≥85.0
P_2O_5 Content	%	56.0-58.0
Fluoride (as F)	%	≤0.003
Arsenic (As)	%	≤0.0003
Lead (as Pb)	%	≤0.0004
Heavy Metals (as Pb)	%	≤0.001
Water Insoluble Matter	%	≤0.1
pH of 1% Water Solution	-	9.5-10.0
Loss on Drying	%	≤0.7
Chloride	%	≤0.025
Sulfate	%	≤0.4
Whiteness	%	≥85

III. Applications

- In the food industry, including processed meat, seafood, noodle products, dairy products, and canned foods, it is used as a water retention agent, acidity regulator, and emulsifying agent. In the industrial field, it is applied in synthetic detergent formulations, textile dyeing, and as a dispersant, cosolvent, and more.

IV. Storage Conditions

Sodium Tripolyphosphate (STPP) should be stored in a tightly closed container in a cool, dry, and well-ventilated place, away from incompatible materials.

Bespring Chemical