

3-9 Sodium Acid Pyrophosphate (SAPP)

I. Product Overview

Product Name: Sodium Acid Pyrophosphate (SAPP)

Category: Sodium Phosphate Salt

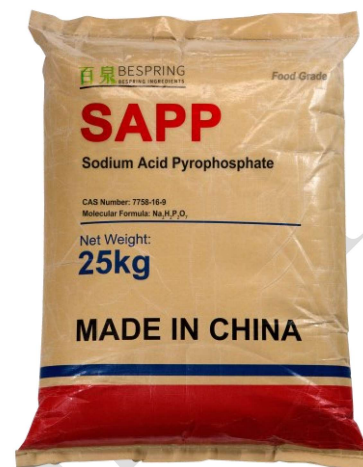
CAS Number: 7758-16-9

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

Packing Specifications: 25 kg/bag, 24 tons/20FCL

Minimum Order Quantity: 500 kg

Quality Standards: HACCP, Kosher, Halal, ISO



II. Product Specifications

Item	Specification
Sodium Acid Pyrophosphate ($\text{Na}_2\text{H}_2\text{P}_2\text{O}_7$) Content	≥95.0%
Appearance	White powder
Insoluble Matter in Water	≤1.0%
Arsenic (As)	≤3 ppm
Loss on Drying	≤0.5%
Cadmium (Cd)	≤1 ppm
Lead (Pb)	≤4 ppm
Mercury (Hg)	≤1 ppm
Heavy Metals (as Pb)	≤15 ppm
Fluoride (F)	≤10 ppm
pH (1% aqueous solution)	3.5-4.5

III. Applications

- In the food industry, it serves as a rapid fermentation agent and quality improver for bread, pastries, and other baked goods. It can also be used as an acidic ingredient in synthetic leavening agents. Additionally, it can be combined with other phosphates for use in cooked ham, canned meat, and other meat products, as well as for moisture retention.

IV. Storage Conditions

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

Bespring Chemical