

Food Additive
Sodium Acid Pyrophosphate (SAPP)



TNN will make your life better

CAS No.: 7758-16-9; MF:Na2H2P2O7

Name:

Common Name: Sodium Acid Pyrophosphate (SAPP)
Other Names:Sodium acid pyrophosphate;disodium pyrophosphate;
disodium dihydrogen pyrophosphate;disodium diphosphate

Regulation:

Our food additive SAPP complies with the latest Chinese National Standards of GB 1886.328-2021,EU food additive regulations and US FCC for food industry. Production-used raw materials all from minerals, Non-allergies and Non-GMO.

Numbers/ Codes:

E-Numbers: E450 (i)
International Number System (INS) No.: 450(i)
EINECS No.: 231-835-0
CAS No.: 7758-16-9
Tariff Code: 28353990

Technical Data:

	National Standard	TNN's Standard
Apperance	White powder	White powder
Content (Na ₂ H ₂ P ₂ O ₇)%	94.0 min	94.0 min
Phosphorus pentoxid(P2O5)%	No Request	63.0-64.0
PH value	3.5—4.5	3.7—4.5
Water-insoluble %	0.6max	0.6max
Fluoride (F)%	50ppm max	10ppm max
Heavy metal (Pb)%	10ppm max	10ppm max
Arsenic (As)%	3ppm max	1ppm max
Pb	2ppm max	1ppm max
ROR	28 or 40	28 or 40

Other Physical and Chemical Properties:

Solubility: soluble in water, insoluble in ethanol

Application:

1. Leavening Agent: Used in baked goods like bread, cakes, and cookies to control CO₂ release when
2. Metal Chelator: Prevents discoloration and flavor changes caused by metal ions in canned and
3. Meat Processing: Enhances water retention and texture in ham and sausages.

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Package:

Normally 25kg, lined with PE bag, outer bag with high-density laminated woven bag or paper bag.
Complies with regulatory request for packaging materials that come into direct contact with food.
*50kg/1000kg bags or other tailored bags are available.

Loading Capacity:

25kg bag;
Without pallets, 20'FCL/27tons.
With pallets, 20'FCL/25tons,
20pallets,each pallet loads 1.25 tons.
*Using pallets offers protection during handling but a lower load capacity.

Storage:

See Material Safety Data Sheet.
Stored in a dry, cool place, and it is recommended to stack it on shelves or single-layer pallets.Shelf
life: two years from the date of manufacture, provided that the product is stored under suitable
storage conditions and the packaging is intact.

Nutrition Facts:

Sodium Acid Pyrophosphate	
Amount Per Serving	
Calories	0
Total Fat 0g	
Saturated Fat 0g	
Trans Fat 0g	
Cholesterol 0mg	
Sodium 20720mg	901%
Total Carbohydrate 0g	
Dietary Fiber 0g	
Total Sugars 0g	
Includes 0g Added Sugars	
Sugar Alcohol 0g	
Protein 0g	

*The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice

Certificates

ISO,Kosher,Halal

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