

Hi-Grade SAPP B401

Product name: Sodium Acid Pyrophosphate, Food Grade

Synonyms: Disodium Diphosphate
Disodium Pyrophosphate
SAPP

Product

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

Molecular weight: 221.94

CAS No. 7758-16-9

EINCS No. 231-835-0

EEC classification E 450 (i)

Appearance: White powder

Analysis

Analyte	Specification Limits
Assay (as $\text{Na}_5\text{P}_3\text{O}_{10}$), %	95.0-100.5
P_2O_5 content, %	63.0-64.5
PH (of 1% solution)	4.0-4.4
Neutralizing	71.5 min
Arsenic (As), ppm	2 max
Fluoride (F), ppm	10 max
Heavy Metals, ppm	10 max
Lead (Pb), ppm	1.0 max
Cadmium (Cd), ppm	1.0 max
Mercury (Hg), ppm	0.5 max
Loss on drying, %	0.2 max
Bulk Density, g/ml	0.75-1.0

Screen analysis: On 35 US mesh (> 0.5 mm) 0.1 % typical
Through 200 US mesh (<0.053 mm) 75% typical

Shelf life: 18 months in original package, under dry and cool storage conditions.
Maximum stack height: 2 pallets.

Packaging: 25 Kg or 50 Lbs. multi-walls PE lined paper bags on pallets.

1000 Kg or 2200 Lbs. Big Bags

Main uses: Fast reacting leavening agent
Component of baking powder and self-raising flour

Kosher and Hallal product

HI B 401 complies with the requirements of the current US Food Chemicals Codex, EC Commission Directive, and FAO/WHO report.

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