

## Sodium acid pyrophosphate

### SPECIFICATION

Specification No.	VCPL/SPEC/QC/33
Grade	Pure
Molecular formula	Na <sub>2</sub> H <sub>2</sub> P <sub>2</sub> O <sub>7</sub>
Molecular weight	221.94
CAS No.	7758-16-9
Also known as	Disodium pyrophosphate, Disodium Dihydrogen pyrophosphate

Appearance	Visual observation	A white fine or crystalline powder; free flowing
Solubility 5% solution in distilled water	% w/v	Freely soluble in distilled water
pH (5% solution)	% w/v	3.7 - 5.0
Assay	% w/v	Min 95.0
Moisture (at 110°C)	% w/w	Max 0.50%
Water insoluble matter	% w/w	Max 0.50%
Arsenic (as As)	% w/w	Max 0.0005%
Lead (as Pb)	% w/w	Max 0.0005%
Iron (as Fe)	% w/w	Max 0.005%
P 2 O 5	% w/w	Min 60%

**\*Storage:-** Store in well closed bags/container & dry environment.

**Note:-** This paper is digitally signed.

