

## Mono sodium phosphate

### SPECIFICATION

Specification No.	VCPL/SPEC/QC/38
Grade	Pure/Anhydrous
Molecular formula	NaH <sub>2</sub> PO <sub>4</sub>
Molecular weight	119.98
CAS No.	7558-80-7
Also known as	MSP, Sodium Di-hydrogen phosphate , Mono basic sodium phosphate

Appearance	Visual observation	A white crystalline or fine powder
Solubility (10% solution in water)	% w/v	Colourless & Clear solution
pH of 5% solution	% w/v	4.0 - 4.8
Assay (Dried basis)	% w/w	Min. 98.0%
Phosphate (as P <sub>2</sub> O <sub>5</sub> )	% w/w	Min. 58.0%
Iron (as Fe)	% w/w	0.0050% max
Loss on drying	% w/w	1.0 % max
Chloride (as Cl)	% w/w	0.02% max
Sulphate (as SO <sub>4</sub> )	% w/w	0.01% max

**\*Storage:-** Store under the roof in well closed bags/container.

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

