



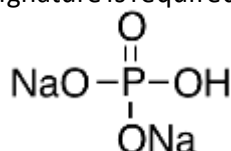
## Certificate of Analysis.

### Sodium phosphate dibasic for trace metal analysis in ICP-OES/ICP MS/IC/GF AAS/Flame AAS.

|                   |   |
|-------------------|---|
| Product Code:     | <b>BS13773.</b>   |
| Description:      | <b>Sodium phosphate dibasic for trace metal analysis in ICP-OES/ICP MS/IC/GF AAS/Flame AAS.</b> |
| Chemical Name:    | <b>Phosphoric Acid Sodium Salt.</b>   |
| Pack:             | <b>25 gm.</b>   |
| CAS No.:          | <b>7558-79-4.</b>   |
| Mol. Weight:      | <b>141.96 g/mol.</b>  |
| Mol. Formula:     | <b>Na<sub>2</sub>HPO<sub>4</sub>.</b>   |
| MDL Number:       | <b>MFCD00003496.</b>  |
| Melting point:    | <b>245 °C.</b>  |
| Boiling point:    | <b>158 °C at 760 mmHg.</b>  |
| Density:          | <b>1.53 g/cm<sup>3</sup>.</b>   |
| Solubility:       | <b>Soluble in water.</b>  |
| Storage:          | <b>Store at ambient temperature.</b>  |
| LOT NO.:          | <b>Sample.</b>  |
| Manufacture Date: | <b>Lot specific.</b>  |
| Expiry Date:      | <b>5 years.</b>   |

| Test                        | Specification             | Measured Values      |
|-----------------------------|---------------------------|----------------------|
| Appearance:                 | White crystalline powder. | <b>Lot specific.</b> |
| Water Insoluble matter      | Max. 0.01%                | <b>Lot specific.</b> |
| Loss on drying              | Max. 0.2%                 | <b>Lot specific.</b> |
| Chloride (Cl)               | Max. 20 ppm.              | <b>Lot specific.</b> |
| Sulphate (SO <sub>4</sub> ) | Max. 50 ppm.              | <b>Lot specific.</b> |
| Iron (Fe)                   | Max. 10 ppm.              | <b>Lot specific.</b> |
| Heavy Metals (Pb)           | Max. 10 ppm.              | <b>Lot specific.</b> |
| Nitrogen Compounds (N)      | Max. 20 ppm.              | <b>Lot specific.</b> |
| Copper (Cu)                 | Max. 5 ppm.               | <b>Lot specific.</b> |
| Potassium (K)               | Max. 50 ppm.              | <b>Lot specific.</b> |
| Assay:                      | >99.9%.                   | <b>Lot specific.</b> |

Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.




**Dr. K. Deepti.**  
**Technical Head.**

