

**Product Name:** Sodium phosphate, monobasic, 99%, for analysis, anhydrous  
**Catalog Number:** 389872500

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**CAS Number:** 7558-80-7  
**IUPAC Name:** sodium dihydrogen phosphate  
**Molecular Formula:** H<sub>2</sub>NaO<sub>4</sub>P  
**Molecular Weight:** 119.98  
**InChI Key:** AJPJDKMHJJGVTQ-UHFFFAOYSA-M  
**SMILES:** [Na+].OP(O)([O-])=O  
**Synonym:** NaH<sub>2</sub>PO<sub>4</sub> sodium phosphate monobasic anhydrous sodium phosphate, monobasic

### Product Specification

**Appearance (Color):** White  
**Appearance (Form):** Crystalline powder  
**Titration with NaOH:** ≥98.5 %  
**pH:** 4.1 to 4.7 (5 % solution)  
**Insoluble matter:** ≤0.05 % (in water)  
**Nitrogen compounds (as N):** ≤0.002 %  
**Chloride (Cl):** ≤0.002 %  
**Sulfate (SO<sub>4</sub>):** ≤0.005 %  
**Arsenic (As):** ≤0.0001 %  
**Calcium (Ca):** ≤0.01 %  
**Copper (Cu):** ≤0.001 %  
**Iron (Fe):** ≤0.001 %  
**Magnesium (Mg):** ≤0.01 %  
**Nickel (Ni):** ≤0.001 %  
**Lead (Pb):** ≤0.002 %

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**Date Of Print:** 04/24/2025

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*