

Product Information

TECHNICAL DATA SHEET / Specification Sheet

Sodium phosphate monobasic 1HY

Synonym	: Monosodium phosphate; Sodium dihydrogen phosphate monohydrate
Molecular Formula	: $\text{NaH}_2\text{PO}_4 \cdot \text{H}_2\text{O}$
Molecular Weight	: 137.99
CAS No.	: 10049-21-5
Shelf Life	: 5 years

Technical Specification

Appearance	: Colourless or white solid or crystals or powder
Solubility	: 100 mg soluble in 1 mL of water
pH (5% in water at 25°C)	: 4.10 - 4.50
Chloride (Cl)	: $\leq 0.0005\%$
Calcium (Ca)	: $\leq 0.005\%$
Heavy metal (as Pb)	: $\leq 0.001\%$
Iron (Fe)	: $\leq 0.001\%$
Sulfate (SO ₄)	: $\leq 0.003\%$
Potassium (K)	: $\leq 0.01\%$
Water Insoluble Matter	: $\leq 0.01\%$
Assay (NaOH Titration)	: 98.00 - 102.00%