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Product Specifications

Catalogue Number	49497
Product	Sodium phosphate monobasic Monosodium phosphate Sodium dihydrogen phosphate
CAS Number	7558-80-7
Molecular Formula	NaH ₂ PO ₄
Molecular Weight	120
Warnings	Irritant! Hygroscopic!
Appearance	White crystalline powder
Solubility	Clear colorless solution at 10% aq. Solution
Heavy Metals	≤ 0.0005% (as Pb)
Anion	Chloride (Cl ⁻): ≤ 0.001% Sulphate (SO ₄ ²⁻): ≤ 0.005%
Cation	Iron (Fe): ≤ 0.0005%
pH	4.0 - 4.5 (5% aq. solution)
DNase, RNase, Protease	Not detected
Absorbance (1M aq. Solution)	at 260 nm : ≤ 0.1 at 280 nm : ≤ 0.1
Assay by titration	Acid-Base Titration: ≥ 99.0%
Grade	Molecular biology grade
Storage	Store at RT

For Laboratory Use Only