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Product Specifications



Catalogue Number	35876
Product	Sodium phosphate dibasic, for molecular Disodium hydrogen phosphate
CAS Number	7558-79-4
Molecular Formula	Na ₂ HPO ₄
Molecular Weight	141.96

Appearance	White crystalline powder
Solubility	Colorless solution (10% aq. solution)
Solubility (Turbidity)	Clear solution (10% aq. solution)
Heavy Metals	≤ 0.001% (as Pb)
Anion	Chloride (Cl) : ≤ 0.002% Sulphate (SO ₄) : ≤ 0.005%
Cation	Iron (Fe) : ≤ 0.001% Nitrogen compounds (N) : ≤ 0.002% Copper (Cu) : ≤ 0.0005% Potassium (K) : < 0.005%
pH	9.1 - 9.3
UV Ratios	Absorbance (A) of 0.1M aq. solution in a 1 cm cell v/s H ₂ O : At 260 nm : ≤ 0.01 At 280 nm : ≤ 0.01
Loss on Drying	≤ 0.2%
RNase, DNase, Protease	Not detected
Insoluble material	≤ 0.01% (In Water)
Assay by titration	≥ 99%
Storage	Store at RT

For Laboratory Use Only