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Product Specifications



Catalogue Number	35754
Product	Potassium phosphate dibasic anhydrous Dipotassium hydrogenphosphate
CAS Number	7758-11-4
Molecular Formula	K_2HPO_4
Molecular Weight	174.18
Appearance	White or white crystalline powder
Solubility	Very soluble in water
Elemental Analysis (Theory)	Nitrogen compound : $\leq 0.001\%$
Heavy Metals	≤ 5 ppm (as Pb)
Anion	Chloride (Cl^-) : $\leq 0.003\%$ Sulfate (SO_4^{2-}) : $\leq 0.005\%$
Cation	Iron (Fe) : $\leq 0.001\%$ Sodium (Na) : $\leq 0.05\%$
pH	8.5 - 9.6 (5% solution at 25 °C)
Loss on Drying	$\leq 1\%$ (105 °C)
Insoluble material	$\leq 0.01\%$
Assay by titration	$\geq 98\%$
Storage	Store at RT

For Laboratory Use Only