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Product Specifications



Catalogue Number	00746
Product	Potassium phosphate monobasic, anhydrous Monopotassium phosphate Potassium dihydrogen phosphate
CAS Number	7778-77-0
Molecular Formula	KH_2PO_4
Molecular Weight	136.09

Appearance	White or colorless solid
Solubility	33 g in 100 mL at 25 °C
Melting Point	~ 253 °C
Heavy Metals	≤ 0.001%
Anion	Chloride (Cl ⁻) : ≤ 0.001% Sulfate (SO ₄ ²⁻) : ≤ 0.003%
Cation	Iron (Fe) : ≤ 0.002% Sodium (Na) : ≤ 0.005%
pH	4.1 - 4.5 (5% solution at 25 °C)
Loss on Drying	≤ 0.2% (105 °C, 2h)
Insoluble material	≤ 0.01%
Assay by titration	≥ 99%
Grade	ACS reagent
Storage	Store at RT

For Laboratory Use Only