

Product Information

TECHNICAL DATA SHEET / Specification Sheet

Potassium phosphate dibasic

CAS No.	: 7758-11-4
Molecular Formula	: K ₂ PO ₄
Molecular Weight	: 174.18
Storage Below	: 30°C
Shelf life	: 5 years

Technical Specification

Appearance	: Colourless or white to off-white hygroscopic crystals or powder or solid
Solubility	: 1000 mg soluble in 1 mL of water
pH (5% in water at 25°C)	: 8.50 - 9.60
Chloride (Cl)	: ≤ 0.003%
Heavy metals (as Pb)	: ≤ 0.0005%
Iron (Fe)	: ≤ 0.001%
Water insoluble matter	: ≤ 0.01%
Sodium (Na)	: ≤ 0.05%
Sulfate(SO ₄)	: ≤ 0.005%
Nitrogen compounds (N)	: ≤ 0.001%
Loss on drying (at 105°C, 2 hr)	: ≤ 1.00%
Assay (NaOH/HCl Titration, on dry basis)	: 98.00 - 101.00%