



## UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

### **Product Information**

### **TECHNICAL DATA SHEET / Specification Sheet**

#### **Potassium phosphate dibasic**

CAS No.	: 7758-11-4
Molecular Formula	: K <sub>2</sub> PO <sub>4</sub>
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 <sub>4</sub> )	: ≤ 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%