

ChemiPURE Potassium Dihydrogen Phosphate, ≥ 99%

500 gr, 1 kg

Cat No: PDP05, PDP10

Shipping : Ship at ambient temperature.

Storage : Store at room temperature (15–25°C) in a tightly closed container.

General Information

ChemiPURE Potassium Dihydrogen Phosphate (KH_2PO_4) is a high-purity laboratory reagent (≥99%) intended for research, analytical, biochemical, molecular biology, microbiology, and pharmaceutical laboratory applications. As a widely used monobasic phosphate salt, it serves as an essential component in phosphate buffer systems, providing reliable pH control and ionic strength for a broad range of laboratory procedures.

Potassium dihydrogen phosphate is commonly used in the preparation of phosphate buffer solutions, phosphate-buffered saline (PBS), enzyme reaction buffers, chromatography buffers, microbiological media, and analytical reagents. It is also widely employed in molecular biology and biochemistry laboratories for maintaining stable pH conditions during nucleic acid, protein, and enzyme-based applications.

ChemiPURE Potassium Dihydrogen Phosphate is manufactured under stringent quality control standards to ensure high purity, excellent batch-to-batch consistency, and reliable performance for routine laboratory and research applications.

Applications

- Preparation of phosphate buffer solutions
- Preparation of PBS (Phosphate-Buffered Saline)
- Molecular biology and biochemistry applications
- Enzyme reaction and protein purification buffers
- Chromatography and analytical chemistry
- Microbiological media preparation
- Cell culture and physiological buffer systems
- General laboratory and pharmaceutical research applications

This product is sold for laboratory research use only.

CAS Number: 7778-77-0

Purity: ≥99%

Molecular Weight: 136.09

Molecular Formula: KH_2PO_4

Appearance: White crystalline powder