

ChemiPURE Potassium Chloride, $\geq 99.5\%$

500 gr, 1 kg

Cat No: PCH05, PCH10

Shipping : Ship at ambient temperature.

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

General Information

ChemiPURE Potassium Chloride (KCl) is a high-purity laboratory reagent ($\geq 99.5\%$) intended for research, analytical, biochemical, and industrial laboratory applications. Potassium chloride is one of the most widely used inorganic salts in molecular biology, biochemistry, cell biology, microbiology, and analytical chemistry laboratories due to its essential role in maintaining ionic strength and physiological potassium ion concentrations.

It is commonly used in the preparation of molecular biology buffers, phosphate-buffered saline (PBS), cell culture supplements, enzyme reaction buffers, electrophysiology solutions, protein purification buffers, and microbiological media. Potassium chloride is also extensively employed in nucleic acid purification, PCR buffer formulations, and biochemical assays where controlled ionic conditions are required.

ChemiPURE Potassium Chloride 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 molecular biology and biochemistry buffers
- Preparation of PBS and physiological salt solutions
- PCR, enzyme reaction, and nucleic acid purification buffers
- Cell culture and electrophysiology solutions
- Protein purification and chromatography buffers
- Microbiological media preparation
- Analytical chemistry and quality control laboratories
- General laboratory and research applications

This product is sold for laboratory research use only.

CAS Number: 7447-40-7

Purity: $\geq 99.5\%$

Molecular Weight: 74.55

Molecular Formula: KCl

Appearance: White crystalline powder