

Potassium Chloride

KCl

MOP:

By mixing hydrochloric acid in potassium carbonate solution.

Physical Properties

- White crystalline powder
- Odorless
- Saline taste
- Soluble in water
- Insoluble in Ethanol
- Insoluble in Ether

Uses

- In treatment of hypokalemia (potassium deficiency disorder)
- Preparation of hypertonic solution
- Used in treatment of digitalis poisoning
- Used in treatment of myasthenia gravis

Storage

“ It should be stored in well closed container at a cool Place.”

Incompatibility

With silver, lead, mercury
salts.

Official Preparation

- ❑ Potassium chloride injection I.P
- ❑ Potassium chloride oral solution I.P
- ❑ Potassium chloride elixirs I.P
- ❑ Lactated Potassium chloride saline injection NF
- ❑ Potassium chloride & Sodium chloride I.V Infusion I.P
- ❑ Potassium chloride & Dextrose I.V infusion I.P
- ❑ Potassium chloride & Glucose I.V infusion I.P
- ❑ Potassium chloride tablets I.P