

## 386 – POTASSIUM CHLORIDE, AR GRADE

REF NO: TBL/QA/SS/LC/386	<b>STANDARD SPECIFICATION FOR POTASSIUM CHLORIDE, AR GRADE</b>	Rev. No: 03
Issue No: 04		Review Date: 27/10/2024
Issue Date: 28/10/2021		Product code: 386

### PRODUCT PROPERTIES

C.A.S Number	7447-40-7
Chemical Formula	KCl
Formula weight	74.55
Functional Uses	The majority of the potassium chloride produced is used for making fertilizer. Potassium is vital in the human body, and potassium chloride by mouth is the common means to treat low blood potassium.
Standard Packaging	500 gm., 5 kg & 50 kg

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White Crystalline powder
Solubility	Soluble in water.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (1M in H <sub>2</sub> O at 25°C)	5.0 – 8.0
LOD	NMT – 0.2%
Iron (Fe)	NMT – 0.0005%
Sulphate (So <sub>4</sub> )	NMT – 0.003%
Lead (Pb)	NMT – 0.0005%
Zinc (Zn)	NMT – 0.0005%
Assay	NLT – 99.5%

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

