



# Product Specifications

PRODUCT NAME: Potassium Chloride  
Crystal, ACS

CHEMICAL FORMULA: KCl

Product Code: 424000  
F.W.: 74.5500  
CAS No: 7447-40-7  
Density: 1.0000

ITEM	SPECIFICATIONS
Heavy Metals (as Pb)	5 ppm max.
Assay (KCl)	99.0-100.5%
Barium (Ba)	To pass test
Bromide (Br)	0.01% max.
Calcium (Ca)	0.002% max.
Chlorate and nitrate (as NO <sub>3</sub> )	0.003% max.
Insoluble Matter	0.005% max.
Iodide (I)	0.002% max.
Iron (Fe)	3 ppm max.
Magnesium (Mg)	0.001% max.
pH of a 5% solution at 25°C	5.4-8.6
Phosphate (PO <sub>4</sub> )	5 ppm max.
Sodium (Na)	0.005% max.
Sulfate (SO <sub>4</sub> )	0.001% max.
Date of Manufacture	Record Actual