



# Product Specifications

PRODUCT NAME: Potassium Chloride  
Crystal, ACS


CHEMICAL FORMULA: KCl

Product Code: 424000-90000  
F.W.: 74.5500  
CAS No: 7447-40-7  
Density: 1.98

ITEM	SPECIFICATIONS
Heavy metals (by ICP-OES)	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 NO3)	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 (PO4)	5 ppm max.
Sodium (Na)	0.005% max.
Sulfate (SO4)	0.001% max.
Date of Manufacture	Record Actual
Expiration date	Record Actual

Remarks:

The above are the specifications, ranges and limits set for this product.

  
Eddy Santiago  
Quality Assurance Manager

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