



**Potassium Chloride,  
Crystal**  
**BAKER ANALYZED ACS Reagent**

Product No. 3040  
Specifications current as of: Jun 8  
2011

TEST	SPECIFICATION
Meets A.C.S. Specifications	
Meets Reagent Specifications for testing USP/NF monographs	
Assay (KCl) (by Ag titrn)	99.0 - 100.5 %
Loss on Drying at 105°C	max. 1.0 %
Insoluble Matter	max. 0.005 %
pH of 5% Solution at 25°C	5.4 - 8.6
Iodide (I)	max. 0.002 %
Bromide (Br)	max. 0.01 %
Calcium (Ca)	max. 0.002 %
Chlorate and Nitrate (as NO <sub>3</sub> )	max. 0.003 %
Magnesium (Mg)	max. 0.001 %
Nitrogen Compounds (as N)	max. 0.001 %
Sulfate (SO <sub>4</sub> )	max. 0.001 %
Barium (Ba)	Passes Test
Sodium (Na)(by FES)	max. 0.005 %
Trace Impurities (in ppm):	
Phosphate (PO <sub>4</sub> )	max. 5
Heavy Metals (as Pb)	max. 5
Arsenic (As)	max. 1
Iron (Fe)	max. 2
Nickel (Ni)	max. 1

For Laboratory, Research or Manufacturing Use