



Aqua Solutions, Inc.

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SPECIFICATION SHEET

POTASSIUM CHLORIDE / LABORATORY GRADE CRYSTAL

Product Code	P3555
Chemical Name / Grade	Potassium Chloride / Laboratory Grade Crystal
Chemical Formula / CAS#	KCl / CAS# 7447-40-7
Appearance	Crystalline White Solid
Harmonization Code	2827.39.9000

CHEMICAL ANALYSIS / SPECIFICATIONS

Assay:	99.0 – 100.5%
pH of a 5% Solution:	5.4 – 8.6
Insoluble Matter:	Max 0.005%
Iodide (I):	Max 0.002%
Bromide (Br)	Max 0.01%
Chlorate and Nitrate (as NO ₃)	Max 0.003%
Phosphate (PO ₄)	Max 5 ppm
Sulfate (SO ₄)	Max 0.001%
Barium (Ba)	To pass test
Heavy metals (as Pb)	Max 5 ppm
Iron (Fe)	Max 3 ppm
Calcium (Ca)	Max 0.002%
Magnesium (Mg)	Max 0.001%
Sodium (Na)	Max 0.005%
Acidity or Alkalinity:	To pass test
Loss on Drying (105° C/2hr)	Max 1.0%
Calcium and Magnesium	To pass test
Organic Volatile impurities:	To pass Test

This product is suitable for use in applications where the grade indicated above is required.

PREPARATION DATE

Original	0.0: 09/09/2014: STN
Revision	

PLEASE REFER TO THE MATERIAL SAFETY DATA SHEET FOR HEALTH, SAFETY, AND REGULATORY INFORMATION ON THIS PRODUCT.