



**ChemPure* Brand
Chemicals**

Product Code: **424000-90000**

Lot #: **2012082894**

Certificate Of Analysis

Chemical Name: **Potassium Chloride**

Crystal, ACS

Chemical Formula: KCl

...Pure Quality

F.W.: **74.5500**

CAS: **7447-40-7**

Density: **1.0000 kg/L**

Analytical Results		
Item	Specifications	Analysis
Chlorate and nitrate (as NO ₃)	0.003% max.	<0.001%
Heavy Metals (as Pb)	5 ppm max.	<5 ppm
Insoluble Matter	0.005% max.	0.001%
Iodide (I)	0.002% max.	<0.002%
Iron (Fe)	3 ppm max.	<1 ppm
Magnesium (Mg)	0.001% max.	<0.0005%
pH of a 5% solution at 25°C	5.4-8.6	5.7
Phosphate (PO ₄)	5 ppm max.	<3 ppm
Sodium (Na)	0.005% max.	<0.005%
Sulfate (SO ₄)	0.001% max.	<0.001%
Assay (KCl)	99.0-100.5%	99.7%
Barium (Ba)	To pass test (0.001% max.)	Passes Test (<0.0005%)
Bromide (Br)	To pass test (0.01% max.)	Passes Test (<0.01%)
Calcium (Ca)	0.002% max.	<0.001%

Remarks:

It is certified that the above copy is a true copy of the actual lot analysis.

Shawn Chadwick
Technical Director