



**ChemPure\* Brand  
Chemicals**

Product Code: CP-M1879D

Lot #: 2014021044

## 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 <sub>3</sub> )	0.003% max.	<0.001%
Heavy Metals (as Pb)	5 ppm max.	<5ppm
Insoluble Matter	0.005% max.	0.001%
Iodide (I)	0.002% max.	<0.002%
Iron (Fe)	3 ppm max.	<1ppm
Magnesium (Mg)	0.001% max.	<0.0005%
pH of a 5% solution at 25°C	5.4-8.6	6.6
Phosphate (PO <sub>4</sub> )	5 ppm max.	<3ppm
Sodium (Na)	0.005% max.	<0.005%
Sulfate (SO <sub>4</sub> )	0.001% max.	<0.001%
Assay (KCl)	99.0-100.5%	99.2%
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.

  
Matthew Taylor  
Laboratory Manager

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