



**ChemPure* Brand
Chemicals**

Product Code: CP-A1879D
Lot #: 2016031088

Certificate Of Analysis

...Pure Quality

Chemical Name: **Potassium Chloride**

Crystal, ACS

Chemical Formula: KCl

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.	<0.003%
Date of Manufacture	Record Actual	01/13/2016
Heavy Metals (as Pb)	5 ppm max.	<5ppm
Insoluble Matter	0.005% max.	0.003%
Iodide (I)	0.002% max.	<0.002%
Iron (Fe)	3 ppm max.	<3ppm
Magnesium (Mg)	0.001% max.	0.0004%
pH of a 5% solution at 25°C	5.4-8.6	6.3
Phosphate (PO ₄)	5 ppm max.	<5ppm
Sodium (Na)	0.005% max.	0.003%
Sulfate (SO ₄)	0.001% max.	<0.001%
Assay (KCl)	99.0-100.5%	99.3%
Barium (Ba)	To pass test	Passes Test
Bromide (Br)	0.01% max.	<0.01%
Calcium (Ca)	0.002% max.	0.001%

Recommended Retest Date: January 12, 2021

Remarks:

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

Kevin Hansen
Quality Assurance Manager

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