



**ChemPure* Brand
Chemicals**

Cust-Product Code: CP-A1879D
Lot #: 2023020939

...Pure Quality

CERTIFICATE OF ANALYSIS

PRODUCT NAME: **Potassium Chloride**
Crystal, ACS

F.W.: 74.5500

CHEMICAL FORMULA: KCl

CAS No: 7447-40-7

Density: 1.9840

ANALYTICAL RESULTS		
ITEM	SPECIFICATIONS	ANALYSIS
Heavy metals (by ICP-OES)	5 ppm max.	<5 ppm
Assay (KCl)	99.0-100.5%	99.5%
Barium (Ba)	To pass test	Passes Test
Bromide (Br)	0.01% max.	<0.01%
Calcium (Ca)	0.002% max.	0.001%
Chlorate and nitrate (as NO ₃)	0.003% max.	<0.003%
Insoluble Matter	0.005% max.	0.003%
Iodide (I)	0.002% max.	<0.002%
Iron (Fe)	3 ppm max.	<3 ppm
Magnesium (Mg)	0.001% max.	0.0002%
pH of a 5% solution at 25°C	5.4-8.6	6.9
Phosphate (PO ₄)	5 ppm max.	<5 ppm
Sodium (Na)	0.005% max.	0.002%
Sulfate (SO ₄)	0.001% max.	<0.001%
Date of Manufacture	Record Actual	12/09/2022
Expiration date	Record Actual	12/08/2027
REMARKS		

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

Eddy Santiago
Quality Assurance Manager

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