

## Certificate of Analysis

Date of Testing: 2023-11-29 14:43:55  
Date of Next Testing: 2027-11-28 14:43:55  
Product Name: **Potassium chloride**  
CAS Number: 7447-40-7  
Specifications & Purity: Analytical Reagent,99.5%  
Lot #: K2324286  
SKU #: **P112134**  
**Analysis:** **300079**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Sodium(Na)	0-0.2 (%)	0.02 %
Total Nitrogen	0-0.001 (%)	0.00 %
Iron(Fe)	0-0.0003 (%)	0.00 %
Calcium(Ca)	0-0.003 (%)	0.00 %
Assay	99.5-100 (%)	99.82 %
Sulfate(SO42-)	0-0.002 (%)	0.00 %
Phosphate(PO4)	0-0.0005 (%)	0.00 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
(Br)Bromide	0-0.02 (%)	0.00 %
PH(5% in water,25°C)	5-8	6.14
Barium(Ba)	0-0.001 (%)	0.00 %
Iodide (I-)	0-0.002 (%)	0.00 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager