

## Certificate of Analysis

Date of Testing: 2023-02-10 22:20:18  
Date of Next Testing: 2027-02-09 22:20:18  
Product Name: **Potassium chloride**  
CAS Number: 7447-40-7  
Specifications & Purity: Analytical Reagent,99.5%  
Lot #: B2308264  
SKU #: **P112134**  
**Analysis: 186242**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Sodium(Na)	0-0.2 (%)	0.01 %
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 (%)	99.59 %
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	7.52
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