

Certificate of Analysis

Date of Testing: 2024-07-18 16:21:06
Date of Next Testing: 2027-07-18 16:21:06
Product Name: **Potassium chloride**
CAS Number: 7447-40-7
Specifications & Purity: Premium-Grade Reagents , for Analysis,
Lot #: G2410024
SKU #: **P433498**
Version: **2**
Analysis #: **246722**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(Argentometric Titration)	99.5-102.5 (%)	101.05000 %
Insoluble matter in H2O	0-0.01 (%)	0.00 %
PH(5% in water)	5.5-8.0	6.51
Bromide(Br)	0-0.05 (%)	0.00430 %
Phosphate(PO4)	0-0.0005 (%)	0.00000 %
Sulfate(SO42-)	0-0.005 (%)	0.00 %
Total nitrogen(N)	0-0.001 (%)	0.00000 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Barium(Ba)	0-0.001 (%)	0.00 %
Calcium(Ca)	0-0.001 (%)	0.00 %
Iron(Fe)	0-0.0003 (%)	0.00 %
Magnesium(Mg)	0-0.002 (%)	0.00 %
Sodium(Na)	0-0.02 (%)	0.01 %
Iodide(I)	0-0.002 (%)	0.00000 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance(P433498)	White Powder to crystal	White powder to crystal



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager