

Certificate of Analysis

Date of Testing: 2024-11-21 15:21:10

Date of Next Testing: 2028-11-20 15:21:10

Product Name: **Potassium chloride**

CAS Number: 7447-40-7

Specifications & Purity: AR, ≥99.5%

Lot #: K2414180

SKU #: **P112134**

Version: **4**

Analysis #: **382389**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Sodium(Na)	0-0.02 (%)	0.02 %
Iron(Fe)	0-0.0003 (%)	0.00 %
Calcium(Ca)	0-0.003 (%)	0.00 %
Sulfate(SO42-)	0-0.002 (%)	0.00 %
Phospate(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	6.10
Barium(Ba)	0-0.001 (%)	0.00 %
Total Nitrogen	0-0.001 (%)	0.00 %
Assay(Titration by AgNO3)	99.5-100.5 (%)	100.15 %
Iodide (I-)	0-0.002 (%)	0.00 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance(P112134)	White Powder to crystal or granule	White Powder to crystal or granule



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

John Su
QA & QC Manager