

Certificate of Analysis

Date of Testing: 2023-08-19 09:38:09
 Date of Next Testing: 2026-08-18 09:38:09
 Product Name: **Potassium chloride**
 CAS Number: 7447-40-7
 Specifications & Purity: for analysis ($\leq 0.005\%$ Br) , Premium-Grade Reagents ACS,ISO,Reag. Ph Eur
 Lot #: G2326925
 SKU #: **P433497**
Analysis: **250431**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Insoluble matter	0-0.005 (%)	0.00 %
pH-value (5 %; water)	5.5-8	6.22000
Bromide(Br)	0-0.005 (%)	0.00420 %
Phosphate(PO ₄)	0-0.0005 (%)	0.00000 %
Sulfate(SO ₄)	0-0.001 (%)	0.00000 %
Total nitrogen(N)	0-0.001 (%)	0.00000 %
Heavy metals(as Pb)	0-0.0005 (%)	0.00 %
Calcium(Ca)	0-0.001 (%)	0.00 %
Iron(Fe)	0-0.0002 (%)	0.00 %
Magnesium(Mg)	0-0.0005 (%)	0.00 %
Sodium(Na)	0-0.005 (%)	0.00 %
Loss on drying(105°C)	0-1 (%)	0.20 %
Assay(Argentometric Titration)	99.5-100.5 (%)	100.48000 %
Chlorate and Ntrate(as NO ₃)	0-0.003 (%)	0.00000 %
Iodide(I)	0-0.002 (%)	0.00000 %
Magnesium and alkaline- earth metals(as Ca)	0-0.02 (%)	0.00000 %
Appearance(P433497)	White crystals	White crystals
Acidity or alkalinity	passes test	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Barium(Ba)	passes test	Passes test



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager