

Certificate of Analysis

Date of Testing: 2024-06-01 11:09:06
Date of Next Testing: 2027-06-01 11:09:06
Product Name: **Potassium chloride**
CAS Number: 7447-40-7
Specifications & Purity: anhydrous, ACS reagent, ≥99%
Lot #: E2422428
SKU #: **P433494**
Version: **2**
Analysis #: **336457**

Parameter	Limit Values	Result
Insoluble matter	0-0.005 (%)	0.00 %
Bromide(Br)	0-0.01 (%)	0.00000 %
Phosphate(PO4)	0-5 (ppm)	0.00000 ppm
Sulfate(SO42-)	0-0.001 (%)	0.00 %
Calcium(Ca)	0-0.002 (%)	0.00 %
Magnesium(Mg)	0-0.001 (%)	0.00 %
Heavy metals(as Pb)	0-5 (ppm)	0.00 ppm
Iron(Fe)	0-3 (ppm)	0.00 ppm
Water by Karl Fischer	0-1 (%)	0.07 %
pH at 25°C(5% solution)	5.4-8.6	6.34000
Iodide(I)	0-0.002 (%)	0.00000 %
Chlorate and Nitrate (as NO3)	0-0.003 (%)	0.00000 %
Sodium(Na)	0-0.005 (%)	0.01 %
Assay	99-100.5 (%)	100.45 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance(P433494)	White Powder or Crystals	White Powder or Crystals
ICP:Confirms Potassium Component	Confirmed	Confirmed
Barium(Ba)	Pass	Pass



ALADDIN SCIENTIFIC CORPORATION

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

John Su
QA & QC Manager