

Certificate of Analysis

Date of Testing:	2023-10-31 15:37:57
Date of Next Testing:	2027-10-30 15:37:57
Product Name:	Potassium chloride
CAS Number:	7447-40-7
Specifications & Purity:	ACS
Lot #:	J2325043
SKU #	P274327
Analysis:	149083
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Assay(Expressed in % KCl)	99-100.5 (%)	99.10000 %
Insoluble matter	0-0.005 (%)	0.00 %
PH(5% in water)	5.4 - 8.6	6.59
(Br)Bromide	0-0.01 (%)	0.01 %
Chlorate and Nitrate (as NO3)	0-0.003 (%)	0.00000 %
Phosphate(PO43-)	0-5 (ppm)	0.00000 ppm
Sulfate(SO42-)	0-0.001 (%)	0.00 %
Barium(Ba)	0-0.001 (%)	0.00 %
Calcium(Ca)	≤0.002 (%)	0.00 %
Magnesium(Mg)	0-0.001 (%)	0.00 %
Heavy metals (as Lead)	0-5 (ppm)	0.00000 ppm
Iron(Fe)	0-3 (ppm)	0.00 ppm
Iodide (I-)	0-0.002 (%)	0.00 %
Sodium(Na)	≤0.005 (%)	0.01 %
Appearance (P274327)	White powder or solid	white powder or solid
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

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

John Su
QA & QC Manager