

Certificate of Analysis

Date of Testing:	2023-04-17 13:42:02
Date of Next Testing:	2027-04-16 13:42:02
Product Name:	Potassium chloride
CAS Number:	7447-40-7
Specifications & Purity:	Guaranteed Reagent, 99.8%
Lot #:	D2313955
SKU #	P112133
Analysis:	205169
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
PH(5% in water, 25°C)	5-8	6.85
(PO ₄)Phosphate	0-0.0005 (%)	0.00 %
Insoluble matter in H ₂ O	0-0.003 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.001 (%)	0.00 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Total Nitrogen	0-0.0005 (%)	0.00 %
Magnesium(Mg)	0-0.0005 (%)	0.00 %
Barium(Ba)	0-0.001 (%)	0.00 %
Iron(Fe)	0-0.0001 (%)	0.00 %
(Br)Bromide	0-0.01 (%)	0.00 %
Iodide (I ⁻)	0-0.001 (%)	0.00 %
Sodium(Na)	0-0.02 (%)	0.01 %
Calcium(Ca)	0-0.001 (%)	0.00 %
Assay	99.8-100 (%)	99.81 %
Appearance (P112133)	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