

Certificate of Analysis

Date of Testing: 2023-07-22 16:25:38
Date of Next Testing: 2027-07-21 16:25:38
Product Name: **Potassium chloride**
CAS Number: 7447-40-7
Specifications & Purity: Guaranteed Reagent, 99.8%
Lot #: G23181011
SKU #: **P112133**
Analysis: **221112**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
PH(5% in water, 25°C)	5-8	6.30
(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 (%)	99.86 %
Appearance (P112133)	white powder or solid	white powder or solid
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager