

Certificate of Analysis

Date of Testing: 2025-01-11 09:49:03

Date of Next Testing: 2029-01-10 09:49:03

Product Name: **Potassium chloride**

CAS Number: 7447-40-7

Specifications & Purity: GR, ≥99.8%

Lot #: A2503821

SKU #: **P112133**

Version: **0**

Analysis #: **431561**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
PH(5% in water,25°C)	5-8	6.58
(PO4)Phosphate	0-0.0005 (%)	0.00 %
Insoluble matter in H2O	0-0.003 (%)	0.00 %
Sulfate(SO42-)	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 (%)	0.01 %
Iodide (I-)	0-0.001 (%)	0.00 %
Calcium(Ca)	0-0.001 (%)	0.00 %
Sodium(Na)	0-0.02 (%)	0.02 %
Assay	99.8-100 (%)	99.89 %
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".

John Su
QA & QC Manager