

## Certificate of Analysis

Date of Testing: 2022-11-16 10:27:10  
 Date of Next Testing: 2026-11-15 10:27:10  
 Product Name: **Potassium chloride**  
 CAS Number: 7447-40-7  
 Specifications & Purity: Guaranteed Reagent, 99.8%  
 Lot #: K2211653  
 SKU #: **P112133**  
**Analysis:** **138806**  
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
PH(5% in water, 25°C)	5-8	5.86
(PO <sub>4</sub> )Phosphate	0-0.0005 (%)	0.00 %
Insoluble matter in H <sub>2</sub> O	0-0.003 (%)	0.00 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	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 <sup>-</sup> )	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



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ALADDIN SCIENTIFIC CORPORATION

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

John Su  
QA & QC Manager