

## Certificate of Analysis

Date of Testing:	2023-09-21 10:19:11
Date of Next Testing:	2027-09-20 10:19:11
Product Name:	<b>Potassium chloride</b>
CAS Number:	7447-40-7
Specifications & Purity:	Guaranteed Reagent,99.8%
Lot #:	I2314315
SKU #	<b>P112133</b>
<b>Analysis:</b>	<b>221112</b>
Storage Temperature:	Argon charged

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



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

John Su  
QA & QC Manager