

Certificate of Analysis

Date of Testing: 2024-05-25 16:37:20
Date of Next Testing: 2028-05-24 16:37:20
Product Name: **Potassium chloride**
CAS Number: 7447-40-7
Specifications & Purity: ACS
Lot #: E2409357
SKU #: **P274327**
Version: **1**
Analysis #: **346577**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(Expressed in % KCl)	99-100.5 (%)	100.23000 %
Insoluble matter	0-0.005 (%)	0.00 %
PH(5% in water)	5.4 - 8.6	5.99
(Br)Bromide	0-0.01 (%)	0.00 %
Phosphate(PO43-)	0-5 (ppm)	0.00000 ppm
Sulfate(SO42-)	0-0.001 (%)	0.00 %
Barium(Ba)	0-0.001 (%)	0.00 %
Calcium(Ca)	<=0.002(%)	0.00 %
Magnesium(Mg)	0-0.001 (%)	0.00 %
Heavy metals (as Lead)	0-5 (ppm)	0.00000 ppm
Iron(Fe)	0-3 (ppm)	0.00 ppm
Sodium(Na)	<=0.005(%)	0.00 %
Iodide (I-)	0-0.002 (%)	0.00 %
Chlorate and Nitrate (as NO3)	0-0.003 (%)	0.00200 %
Appearance (P274327)	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