

Certificate of Analysis

Date of Testing: 2023-07-22 16:25:29
 Date of Next Testing: 2027-07-21 16:25:29
 Product Name: **Potassium chloride**
 CAS Number: 7447-40-7
 Specifications & Purity: Guaranteed Reagent, 99.8%
 Lot #: G23181018
 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 |



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

John Su
QA & QC Manager