

Certificate of Analysis

Date of Testing: 2023-09-18 11:47:02
Date of Next Testing: 2027-09-17 11:47:02
Product Name: **Potassium chloride**
CAS Number: 7447-40-7
Specifications & Purity: Guaranteed Reagent, 99.8%
Lot #: I2314316
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 |



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager