

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-19 09:57:26  
Date of Next Testing: 2028-07-18 09:57:26  
Product Name: **Potassium chloride**  
CAS Number: 7447-40-7  
Specifications & Purity: Analytical Reagent,99.5%  
Lot #: G2415533  
SKU #: **P112134**  
Version: **4**  
Analysis #: **336088**  
Storage Temperature: Argon charged

| Parameter            | Limit Values                       | Result                             |
|----------------------|------------------------------------|------------------------------------|
| Sodium(Na)           | 0-0.2 (%)                          | 0.10 %                             |
| Total Nitrogen       | 0-0.001 (%)                        | 0.00 %                             |
| Iron(Fe)             | 0-0.0003 (%)                       | 0.00 %                             |
| Calcium(Ca)          | 0-0.003 (%)                        | 0.00 %                             |
| Assay                | 99.5-100 (%)                       | 99.97 %                            |
| Sulfate(SO42-)       | 0-0.002 (%)                        | 0.00 %                             |
| Phospate(PO4)        | 0-0.0005 (%)                       | 0.00 %                             |
| Heavy metal (as Pb)  | 0-0.0005 (%)                       | 0.00 %                             |
| (Br)Bromide          | 0-0.02 (%)                         | 0.01 %                             |
| PH(5% in water,25°C) | 5-8                                | 6.40                               |
| Barium(Ba)           | 0-0.001 (%)                        | 0.00 %                             |
| Iodide (I-)          | 0-0.002 (%)                        | 0.00 %                             |
| X-Ray Diffraction    | Conforms to Structure              | Conforms to Structure              |
| Appearance(P112134)  | White Powder to crystal or granule | White Powder to crystal or granule |



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

John Su  
QA & QC Manager