

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-01-21 11:37:59

Date of Next Testing: 2029-01-20 11:37:59

Product Name: **Potassium chloride**

CAS Number: 7447-40-7

Specifications &amp; Purity: AR, ≥99.5%

Lot #: A2520022

SKU #: **P112134**

Version: **4**

Analysis #: **453778**

Storage Temperature: Argon charged

| Parameter                 | Limit Values                       | Result                             |
|---------------------------|------------------------------------|------------------------------------|
| Total Nitrogen            | 0-0.001 (%)                        | 0.00 %                             |
| Iron(Fe)                  | 0-0.0003 (%)                       | 0.00 %                             |
| Calcium(Ca)               | 0-0.003 (%)                        | 0.00 %                             |
| 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 (%)                         | 0.00 %                             |
| PH(5% in water,25°C)      | 5-8                                | 5.61                               |
| Barium(Ba)                | 0-0.001 (%)                        | 0.00 %                             |
| Assay(Titration by AgNO3) | 99.5-100.5 (%)                     | 100.19 %                           |
| Iodide (I-)               | 0-0.002 (%)                        | 0.00 %                             |
| Sodium(Na)                | 0-0.02 (%)                         | 0.02 %                             |
| 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