

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                           |
|--------------------------|---------------------------|
| Date of Testing:         | 2024-04-12 08:40:55       |
| Date of Next Testing:    | 2027-04-12 08:40:55       |
| Product Name:            | <b>Potassium chloride</b> |
| CAS Number:              | 7447-40-7                 |
| Specifications & Purity: | BioReagent Plus, ≥99.0%   |
| Lot #:                   | D2408242                  |
| SKU #                    | <b>P433490</b>            |
| <b>Analysis:</b>         | <b>336085</b>             |

| Parameter   | Limit Values             | Result                   |
|---|--------------------------|--------------------------|
| Purity(Titration by AgNO <sub>3</sub> )             | 98.5-101.5 (%)           | 100.09 %                 |
| Insoluble matter                                    | 0-0.1 (%)                | 0.00 %                   |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> )             | 0-0.001 (%)              | 0.00 %                   |
| Aluminum(Al)  | 0-0.0005 (%)             | 0.00 %                   |
| Phosphorus (P)                                      | 0-0.0005 (%)             | 0.00 %                   |
| Lead(Pb)  | 0-0.001 (%)              | 0.00 %                   |
| Iron(Fe)  | 0-0.0005 (%)             | 0.00 %                   |
| Copper(Cu)  | 0-0.0005 (%)             | 0.00 %                   |
| Zinc(Zn)  | 0-0.0005 (%)             | 0.00 %                   |
| Calcium(Ca)   | 0-0.005 (%)              | 0.00 %                   |
| Magnesium(Mg)                                       | 0-0.001 (%)              | 0.00 %                   |
| Sodium(Na)  | 0-0.02 (%)               | 0.02 %                   |
| Ammonia (NH <sub>4</sub> )                          | 0-0.05 (%)               | 0.04 %                   |
| Appearance(P433490)                                 | White Powder or Crystals | White Powder or Crystals |
| Solubility in 1M H <sub>2</sub> O, Clear ,Colorless | pass                     | Pass                     |
| 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