

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |   |
|--------------------------|---|
| Date of Testing:         | 2025-11-25 18:48:24                                   |
| Date of Next Testing:    | 2028-11-24 18:48:24                                   |
| Product Name:            | <b>Potassium iodide</b>                               |
| CAS Number:              | 7681-11-0   |
| Specifications & Purity: | UltraBio™, Ultra pure, ≥99%                           |
| Lot #:                   | K2520065  |
| SKU #                    | <b>P433786</b>  |
| Version                  | <b>1</b>  |
| <b>Analysis #:</b>       | <b>614005</b>   |
| Storage Temperature:     | Protected from light, Room temperature, Argon charged |

| Parameter                               | Limit Values                       | Result                             |
|---|------------------------------------|------------------------------------|
| Chloride                                | 0-0.01 (%)                         | 0.00 %                             |
| Sulfate(SO42-)                          | 0-0.005 (%)                        | 0.00 %                             |
| Insoluble matter                        | 0-0.005 (%)                        | 0.01 %                             |
| 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 %                             |
| Barium(Ba)                              | 0-0.002 (%)                        | 0.00 %                             |
| Copper(Cu)                              | 0-0.0005 (%)                       | 0.00 %                             |
| Zinc(Zn)                                | 0-0.0005 (%)                       | 0.00 %                             |
| Sodium(Na)                              | 0-0.05 (%)                         | 0.01 %                             |
| Ammonia (NH4)                           | 0-0.05 (%)                         | 0.02 %                             |
| Assay (titration with KIO3)             | ≥99 (%)                            | 99.90 %                            |
| Calcium(Ca)                             | 0-0.001 (%)                        | 0.00 %                             |
| Magnesium(Mg)                           | 0-0.0005 (%)                       | 0.00 %                             |
| Appearance(P433786)                     | White Powder or crystalline powder | White Powder or Crystalline Powder |
| Solubility(1 M in H2O), Clear Colorless | Pass                               | Pass                               |
| Identity by ICP-Potassium               | 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". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager