

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-15 08:57:48  
 Date of Next Testing: 2026-05-05 08:57:48  
 Product Name: **Zinc Iodide**  
 CAS Number: 10139-47-6  
 Specifications & Purity: AR, ≥98%  
 Lot #: E2409060  
 SKU #: **Z106652**  
 Version: **1**  
 Analysis #: **209894**  
 Storage Temperature: Protected from light, Room temperature, Argon charged, Desiccated, Cool

| Parameter                                                    | Limit Values                             | Result                                   |
|--------------------------------------------------------------|------------------------------------------|------------------------------------------|
| reducing matter for I2                                       | 0-0.005 (%)                              | 0.00000 %                                |
| Free iodine and Iodic acid salts                             | 0-0.01 (%)                               | 0.00400 %                                |
| Insoluble matter in H2O                                      | 0-0.005 (%)                              | 0.00000 %                                |
| Iodine(Titration by AgNO3)                                   | 77.9-81.1 (%)                            | 80.79000 %                               |
| Iron(Fe)                                                     | 0-0.0005 (%)                             | 0.00000 %                                |
| Alkali metal                                                 | 0-0.1 (%)                                | 0.02300 %                                |
| Sulfate(SO42-)                                               | 0-0.005 (%)                              | 0.00000 %                                |
| Assay                                                        | 98-102.5 (%)                             | 99.99910 %                               |
| Appearance (Z106652)                                         | White to Yellow to Beige Solid or Powder | White to Yellow to Beige Solid or Powder |
| Clarity of solution                                          | pass                                     | Pass                                     |
| ICP: Confirms Zinc Component                                 | Confirmed                                | Confirmed                                |
| Solubility in H2O, Colorless to Light Yellow, Clear, 4.3g/ml | 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