

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-12 19:00:19

Date of Next Testing: 2025-04-01 19:00:19

Product Name: **Zinc Iodide**

CAS Number: 10139-47-6

Specifications & Purity: AR, ≥98%

Lot #: D2304345

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". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager