

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-02-19 12:09:59  
 Date of Next Testing: 2024-02-09 12:09:59  
 Product Name: **Sodium iodide**  
 CAS Number: 7681-82-5  
 Specifications & Purity: AR, ≥99.5%  
 Lot #: B2217050  
 SKU #: **S104084**  
 Version: **3**  
 Analysis #: **054298**  
 Storage Temperature: Protected from light, Room temperature, Argon charged, Desiccated, Cool

| Parameter                               | Limit Values                                  | Result                                        |
|-----------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Chloride (Cl-)                          | 0-0.03 (%)                                    | 0.02000 %                                     |
| Heavy metal (as Pb)                     | 0-0.0005 (%)                                  | 0.00030 %                                     |
| Barium(Ba)                              | 0-50 (%)                                      | 20.00000 %                                    |
| Insoluble matter in H <sub>2</sub> O    | 0-0.005 (%)                                   | 0.00200 %                                     |
| Assay                                   | 99.5-100 (%)                                  | 99.90410 %                                    |
| Total Nitrogen                          | 0-0.001 (%)                                   | 0.00030 %                                     |
| Calcium(Ca)                             | 0-0.001 (%)                                   | 0.00060 %                                     |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> ) | 0-0.005 (%)                                   | 0.00400 %                                     |
| Iron(Fe)                                | 0-0.0002 (%)                                  | 0.00010 %                                     |
| Magnesium(Mg)                           | 0-0.005 (%)                                   | 0.00300 %                                     |
| (IO <sub>3</sub> )Iodate                | 0-0.005 (%)                                   | 0.00200 %                                     |
| Appearance (S104084)                    | White Powder, Crystals, Granules and/or Lumps | White Powder, Crystals, Granules and/or Lumps |
| X-Ray Diffraction                       | Conforms to Structure                         | Conforms to Structure                         |



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager