

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-23 13:27:23

Date of Next Testing: 2028-01-22 13:27:23

Product Name: **Sodium chloride**

CAS Number: 7647-14-5

Specifications &amp; Purity: AR, ≥99.5%

Lot #: A2415143

SKU #: **C111533**

Version: **2**

Analysis #: **316305**

Storage Temperature: Room temperature

| Parameter                      | Limit Values          | Result                |
|--------------------------------|-----------------------|-----------------------|
| Ferrocyanides                  | 0-0.0001 (%)          | 0.00000 %             |
| Nitrogen by Elemental Analysis | 0-0.001 (%)           | 0.00010 %             |
| Potassium(K)                   | 0-0.02 (%)            | 0.00350 %             |
| Iron(Fe)                       | 0-0.0002 (ppm)        | 0.00000 ppm           |
| Sulfate(SO42-)                 | 0-0.002 (%)           | 0.00030 %             |
| Loss on drying                 | 0-0.5 (%)             | 0.04160 %             |
| Insoluble matter in H2O        | 0-0.005 (%)           | 0.00020 %             |
| (PO4)Phosphate                 | 0-0.001 (%)           | 0.00000 %             |
| Barium(Ba)                     | 0-0.001 (%)           | 0.00000 %             |
| Magnesium(Mg)                  | 0-0.002 (%)           | 0.00040 %             |
| (I)Iodide                      | 0-0.002 (%)           | 0.00030 %             |
| Heavy metal (as Pb)            | 0-0.0005 (ppm)        | 0.00000 ppm           |
| (Br)Bromide                    | 0-0.01 (%)            | 0.00500 %             |
| Calcium(Ca)                    | 0-0.005 (%)           | 0.00170 %             |
| Assay                          | 99.5-100 (%)          | 99.99750 %            |
| (As)Arsenic                    | 0-50(ppb)             | 3.82000 ppb           |
| 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