

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-11 15:16:57

Date of Next Testing: 2027-05-10 15:16:57

Product Name: **Sodium chloride**

CAS Number: 7647-14-5

Specifications &amp; Purity: GR, ≥99.8%

Lot #: E2308538

SKU #: **C111535**

Version: **4**

Analysis #: **222031**

Storage Temperature: Room temperature

| Parameter                      | Limit Values          | Result                |
|--------------------------------|-----------------------|-----------------------|
| Assay                          | 99.8-100 (%)          | 99.99560 %            |
| Ferrocyanides                  | 0-0.0001 (%)          | 0.00004 %             |
| Nitrogen by Elemental Analysis | 0-0.0005 (%)          | 0.00020 %             |
| (Br)Bromide                    | 0-0.005 (%)           | 0.00250 %             |
| Potassium(K)                   | 0-0.01 (%)            | 0.00490 %             |
| (PO4)Phosphate                 | 0-0.0005 (%)          | 0.00010 %             |
| Barium(Ba)                     | 0-0.001 (%)           | 0.00036 %             |
| Sulfate(SO42-)                 | 0-0.001 (%)           | 0.00045 %             |
| Insoluble matter in H2O        | 0-0.003 (%)           | 0.00190 %             |
| (As)Arsenic                    | 0-0.00002 (%)         | 0.00001 %             |
| Loss on drying                 | 0-0.2 (%)             | 0.12000 %             |
| (I)Iodide                      | 0-0.001 (%)           | 0.00039 %             |
| Calcium(Ca)                    | 0-0.002 (%)           | 0.00100 %             |
| PH (50g/L, 25°C)               | 5-8                   | 6.50000               |
| Magnesium(Mg)                  | 0-0.001 (%)           | 0.00032 %             |
| [Fe(CN)6]4-Ferrocyanide        | 0-0.0001 (%)          | 0.00005 %             |
| Iron(Fe)                       | 0-0.0001 (%)          | 0.00003 %             |
| Heavy metal (as Pb)            | 0-0.0005 (%)          | 0.00015 %             |
| X-Ray Diffraction              | Conforms to Structure | Conforms to Structure |
| Clarity of solution            | pass                  | Pass                  |



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

John Su  
QA & QC Manager