

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-06-17 13:24:16

Date of Next Testing: 2029-06-16 13:24:16

Product Name: **Sodium chloride**

CAS Number: 7647-14-5

Specifications & Purity: anhydrous, ACS, ≥99%

Lot #: F2603079

SKU #: **S433743**

Version: **1**

Analysis #: **729042**

Storage Temperature: Room temperature

| Parameter                                                  | Limit Values                                | Result                                      |
|------------------------------------------------------------|---------------------------------------------|---------------------------------------------|
| Assay(Titration by AgNO <sub>3</sub> )                     | 99-101.5 (%)                                | 99.99700 %                                  |
| Loss on drying                                             | 0-1 (%)                                     | 0.00210 %                                   |
| Insoluble matter in H <sub>2</sub> O                       | 0-0.005 (%)                                 | 0.00058 %                                   |
| PH (50g/L, 25°C)                                           | 5-9                                         | 6.00000                                     |
| Iodide(I)                                                  | 0-0.002 (%)                                 | 0.00010 %                                   |
| Bromide(Br)                                                | 0-0.01 (%)                                  | 0.00200 %                                   |
| Chlorate and Nitrate (as NO <sub>3</sub> )                 | 0-0.003 (%)                                 | 0.00102 %                                   |
| Phosphate(PO <sub>4</sub> )                                | 0-5 (ppm)                                   | 3.01000 ppm                                 |
| Sulfate(SO <sub>4</sub> )                                  | 0-0.004 (%)                                 | 0.00300 %                                   |
| Calcium(Ca)                                                | 0-0.002 (%)                                 | 0.00004 %                                   |
| Magnesium(Mg)                                              | 0-0.001 (%)                                 | 0.00000 %                                   |
| Iron(Fe)                                                   | 0-2 (ppm)                                   | 1.10300 ppm                                 |
| Heavy metals                                               | 0-5 (ppm)                                   | 1.00000 ppm                                 |
| Potassium(K)                                               | 0-0.005 (%)                                 | 0.00200 %                                   |
| Appearance(S433743)                                        | White Crystals, Powder or Crystalline Solid | White Crystals, Powder or Crystalline Solid |
| ICP:Confirms Barium Component                              | Confirmed                                   | Confirmed                                   |
| Solubility in H <sub>2</sub> O , Colorless Clear 100 mg/ml | pass                                        | Pass                                        |
| 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