

## Certificate of Analysis

Date of Testing: 2023-10-18 13:19:30  
 Date of Next Testing: 2027-10-17 13:19:30  
 Product Name: **Sodium chloride**  
 CAS Number: 7647-14-5  
 Specifications & Purity: Guaranteed Reagent, 99.8%  
 Lot #: J2318029  
 SKU #: **C111535**  
 Analysis: **286763**

| Parameter                      | Limit Values          | Result                |
|--------------------------------|-----------------------|-----------------------|
| Assay                          | 99.8-100 (%)          | 99.99%                |
| Ferrocyanides                  | 0-0.0001 (%)          | 0.00%                 |
| Nitrogen by Elemental Analysis | 0-0.0005 (%)          | 0.00%                 |
| (Br)Bromide                    | 0-0.005 (%)           | 0.00%                 |
| Potassium(K)                   | 0-0.01 (%)            | 0.00%                 |
| (PO4)Phosphate                 | 0-0.0005 (%)          | 0.00%                 |
| Barium(Ba)                     | 0-0.001 (%)           | 0.00%                 |
| Sulfate(SO42-)                 | 0-0.001 (%)           | 0.00%                 |
| Insoluble matter in H2O        | 0-0.003 (%)           | 0.00%                 |
| (As)Arsenic                    | 0-0.00002 (%)         | 0.00%                 |
| Loss on drying                 | 0-0.2 (%)             | 0.14%                 |
| (I)Iodide                      | 0-0.001 (%)           | 0.00%                 |
| Calcium(Ca)                    | 0-0.002 (%)           | 0.00%                 |
| PH (50g/L, 25°C)               | 5-8                   | 6.50000               |
| Magnesium(Mg)                  | 0-0.001 (%)           | 0.00%                 |
| [Fe(CN)6]4-Ferrocyanide        | 0-0.0001 (%)          | 0.00%                 |
| Iron(Fe)                       | 0-0.0001 (%)          | 0.00%                 |
| Heavy metal (as Pb)            | 0-0.0005 (%)          | 0.00%                 |
| 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