

CERTIFICATE OF ANALYSIS

PRODUCT NAME : SODIUM CHLORIDE AR

CAS No : 7647-14-5

Product code : 25620

Mol. Formula : NaCl

Batch No : MCRT-30184

Mol. WT : 58.44

Mfd. : Jan. 2024

Date of Analysis : 16/01/24

Exp. : Dec. 2028

| S.R | Test | Specification | Observation |
|-----|---|---------------------------------------|---------------------------|
| 1 | Description | White crystals or crystalline powder. | White crystalline powder. |
| 2 | Assay (after ignition) | 99.9 % w/w min | 99.92% w/w |
| 3 | Insoluble matter | 0.003 % max | 0.001 % |
| 4 | Acidity(HCl) | 0.0018 % max | < 0.0018 % |
| 5 | Alkalinity | 0.05 ml N% max | < 0.05 ml N% |
| 6 | Bromide & iodide(Br) | 0.005 % max | < 0.005 % |
| 7 | Ferrocyanide[Fe(CN)₆] | 0.0001 % max | < 0.0001 % |
| 8 | Nitrate(NO₃) | 0.0005 % max | < 0.0005 % |
| 9 | Phosphate(PO₄) | 0.0005% max | < 0.0005% |
| 10 | Sulphate (SO₄) | 0.002% max | < 0.002% |
| 11 | Ammonium (NH₄) | 0.0005% max | < 0.0005% |
| 12 | Arsenic(As) | 0.00004% max | < 0.00004% |
| 13 | Barium(Ba) | 0.001 % max | < 0.001 % |
| 14 | Calcium(Ca) | 0.002 % max | < 0.002 % |
| 15 | Copper (Cu) | 0.0002% max | < 0.0002% |
| 16 | Iron (Fe) | 0.0003% max | < 0.0003% |
| 17 | Lead (Pb) | 0.0002 % max | < 0.0002 % |
| 18 | Magnesium(Mg) | 0.002 % max | < 0.002 % |
| 19 | Potassium(K) | 0.01 % max | < 0.01 % |
| 20 | Loss on drying at 130°C | 0.5% max | 0.46% |

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Deepa)**

**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

Note: Computer generated image requires no sign.

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