

Product Specification Sheet



Product Code: BIO-1110
Identifier: Sodium Chloride
Grade: Biotechnology Grade
Appearance: White crystals
Molecular Formula: NaCl
Molecular Weight: 58.44 g/mol
Description: Not Applicable
Storage Condition: Store between 20°C - 25°C. Protect from moisture.
Additional Info: Not Applicable
Shelf Life: 24 Months

| Assay: | Specification: |
|--|----------------|
| Purity | ≥ 99.5 % |
| pH (50g/L, Water) @ 25°C | 5.0 – 8.0 |
| Nitrogen compounds | < 0.001 % |
| Calcium (Ca) | < 0.002 % |
| Copper (Cu) | < 2 ppm |
| Iron (Fe) | < 2 ppm |
| Magnesium (Mg) | < 0.002 % |
| Barium (Ba) | < 0.001 % |
| Lead (Pb) | < 2 ppm |
| Phosphate (PO ₄) | < 5 ppm |
| Potassium (K) | < 0.005 % |
| Sulphate (SO ₄) | < 0.002 % |
| Bromide (Br) | PASS |
| Iodide (I ⁻) | PASS |
| Hexacyanoferrate (II) [Fe(CN) ₆] | < 1 ppm |
| DNase | None Detected |
| RNase | None Detected |
| Protease | None Detected |

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