

## neoFroxx GmbH

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## Specification

| Product                | Sodium chloride for molecular biology |
|------------------------|---------------------------------------|
| Product number         | 1236                                  |
| Synonyms               | Common salt, Saline, Rock salt        |
| Formula                | NaCl                                  |
| Molecular weight       | 58.44 g/mol                           |
| CAS number             | 7647-14-5                             |
| Storage                | below 25°C                            |
| Retest period (months) | 60                                    |

| Parameter                         | Specification        |
|-----------------------------------|----------------------|
| Assay (titr.)                     | >= 99.5 %            |
| DNases/RNases/Proteases           | not detectable       |
| Bromide                           | <= 0.005 %           |
| Iodide                            | <= 0.001 %           |
| Phosphate (PO <sub>4</sub> )      | <= 0.001 %           |
| Sulfate (SO <sub>4</sub> )        | <= 0.01 %            |
| Loss on drying (105°C, 2 h)       | <= 0.5 %             |
| Acid / Alkali reacting substances | <= 0.5 %             |
| Appearance of solution            | clear and colourless |
| Barium (Ba)                       | <= 0.001 %           |
| Calcium (Ca)                      | <= 0.002 %           |
| Iron (Fe)                         | <= 0.0001 %          |
| Potassium (K)                     | <= 0.005 %           |
| Magnesium (Mg)                    | <= 0.001 %           |
| Lead (Pb)                         | <= 0.0005 %          |

Einhausen, 13.12.2024