

# Technical Data Sheet

12/07/2017

## Sodium Chloride (for dilution 9 g/l) – For 5 l

Product code:  
LM-S2012

<b><u>Molecular Weight</u></b> :	58.44g/mol
<b><u>CAS N°</u></b> :	7647-14-5
<b><u>Chemical Formula</u></b> :	NaCl
<b><u>Storage conditions</u></b> :	Room temperature, protected from humidity
<b><u>Shelf life</u></b> :	48 months

Tests	Specifications
Appearance	white crystalline powder or colourless crystals or white pearls, easily soluble in water, practically insoluble in ethanol
Chloride reactions	Positive
Sodium reactions	Positive
Appearance of the solution S	Clear and colourless
Solution Alkalinity	≤ 0.5 ml
Bromide	≤ 100 ppm
Ferrocyanides	No blue colour
Iodides	No blue colour
Nitrites	Absorbance ≤ 0.01
Phosphates	≤ 25 ppm
Sulfates	≤ 200 ppm
Aluminium	≤ 0.2 ppm
Arsenic	≤ 1 ppm
Iron	≤ 2 ppm
Heavy metals	≤ 5 ppm

Potassium	≤ 500 ppm
Loss on drying	≤ 0.5 %
Endotoxin	< 5 UI/g
Bacterial count	≤ 100 CFU/g
Assay	99.0 à 100.5 %

**Solubility** : soluble in water

**Recommended use** :

- Respect storage conditions of the product
  - Do not use the product after its expiry date
  - Store the product in a dry area
  - Wear clothes adapted to the manipulation of the product to avoid contamination (e.g.: gloves, mask, hygiene cap, overall...)
  - Protect the product from any form of humidity
  - Use, in one time, after opening, the entire quantity of product of the container. If it is not possible, close the container immediately after sampling the quantity of powder required.
- The product is intended to be used in vitro, in laboratory only. Do not use it in therapy, human or veterinary applications.