

## Sodium chloride, For Molecular Biology

**MB023**

### Product Identifier

CAS No.	:	7647-14-5
EC No.	:	231-598-3
Molecular Formula	:	NaCl
Molecular Weight	:	58.44
HS Code	:	2501 00 90
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

Appearance	:	Colourless to white crystals or powder or solid
Solubility	:	100 mg soluble in 1 mL of water
DNases	:	None detected
RNases	:	None detected
pH (5% in water at 25°C)	:	5.00 - 9.00
Barium (Ba)	:	Passes test
Iron (Fe)	:	<= 0.0002%
Sulphate (SO <sub>4</sub> )	:	<= 0.004%
Phosphate (PO <sub>4</sub> )	:	<= 0.0005%
Magnesium (Mg)	:	<= 0.001%
Calcium (Ca)	:	<= 0.002%
Heavy metals (as Pb)	:	<= 0.0005%
Potassium (K)	:	<= 0.005%
Iodide (I)	:	<= 0.002%
Insoluble matter	:	<= 0.005%
Bromide (Br)	:	<= 0.01%
Chlorate & nitrate (as NO <sub>3</sub> )	:	<= 0.003%
Assay (AT)	:	99.50 - 102.00%

### Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	VZ4725000
WGK	:	1