

## Certificate of Analysis

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**Product Name:** Sodium chloride

**Catalog No.:** 3146

**Batch No.:** 6

CAS Number: 7647-14-5

EC Number: 231-598-3

### 1. PHYSICAL AND CHEMICAL PROPERTIES

**Batch Molecular Formula:** NaCl  
**Batch Molecular Weight:** 58.44  
**Physical Appearance:** white powder  
**Solubility:** water to 500 mM  
**Storage:** Store at RT  
**Batch Molecular Structure:**  
NaCl

### 2. ANALYTICAL DATA

**Purity (by titration):** 99.8%  
**Endotoxin assay:** < 0.05 EU/ML

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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## Product Information

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**Product Name:** Sodium chloride

**Catalog No.:** 3146

**Batch No.:** 6

CAS Number: 7647-14-5

EC Number: 231-598-3

**Description:**

Commonly used laboratory reagent

**Physical and Chemical Properties:**

Batch Molecular Formula: NaCl

Batch Molecular Weight: 58.44

Physical Appearance: White solid

**Minimum Purity:** ≥99.5%

**Batch Molecular Structure:**

NaCl

**Storage:** Store at RT

**Solubility & Usage Info:**

water to 500 mM

**Stability and Solubility Advice:**

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

**SOLIDS:** Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

**SOLUTIONS:** We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

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