

## PRODUCT SPECIFICATION

**Product Name:** Sodium Chloride

**Chemical Structure:**

# NaCl

**CAT Number:** APL-0093

**CAS Registry Number:** 7647-14-5

**Molecular Formula:** NaCl

**Molecular Weight:** 58.44

### Specification

Assay	≥99.5%
Appearance	White Crystalline
pH of a 5% Solution at 25°C	5.0~9.0
Insoluble Matter	≤0.005%
Iodide (I)	≤0.002%
Bromide (Br)	≤0.01%
Chlorate and Nitrate (NO <sub>3</sub> )	≤0.003%
Total nitrogen (N)	≤0.001%
Phosphate (PO <sub>4</sub> )	≤0.0005%
Sulfate (SO <sub>4</sub> )	≤0.002%
Barium (Ba)	≤0.001%
Precipitation of Calcium and Magnesium	≤0.005%
Heavy Metals (Pb)	≤0.005%
Iron (Fe)	≤0.0002%
Potassium (K)	≤0.005%

*Store at RT*

### PRODUCT USE LIMITATION

Research use only

**APOLO Biochemical, Inc.**

575 ELMWOOD AVE., MC56940A, ROCHESTER, NY 14642, USA  
info@apolobiochem.com / order@apolo.com.tw