

## Sodium chloride

## Chemical Properties

CAS No. : 7647-14-5

Formula: ClNa

Molecular Weight: 58.44

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Sodium chloride is an inorganic salt constituting the primary salt in the extracellular fluid of multicellular organisms. It is employed in treating electrolyte imbalances and exhibits antimicrobial activity.
Targets(IC50)	Others

## Solubility Information

Solubility	H2O: Soluble, Sonication is recommended. ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	17.1116 mL	85.5578 mL	171.1157 mL
5 mM	3.4223 mL	17.1116 mL	34.2231 mL
10 mM	1.7112 mL	8.5558 mL	17.1116 mL
50 mM	0.3422 mL	1.7112 mL	3.4223 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

B L Damron, et al. Sodium chloride for broiler breeders. Poult Sci. 1983 Mar;62(3):480-2.

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