

# *Chem-Impex International, Inc.*

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## *Product Specifications*

# NaCl

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<b>Catalogue Number</b>	35847
<b>Product</b>	<b>Sodium chloride for DNase, RNase, and</b>
<b>CAS Number</b>	7647-14-5
<b>Molecular Formula</b>	NaCl
<b>Molecular Weight</b>	58.44

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<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	Colorless solution (10% aq. Solution)
<b>Solubility (Turbidity)</b>	Clear solution (10% aq. solution)
<b>Heavy Metals</b>	≤ 0.0002% (as Pb)
<b>Anion</b>	Sulphate (SO <sub>4</sub> ) : ≤ 0.001% Phosphate (PO <sub>4</sub> ) : ≤ 0.0005% Bromide (Br) : ≤ 0.005% Iodide (I) : ≤ 0.001%
<b>Cation</b>	Iron (Fe) : ≤ 0.0001% Copper (Cu) : ≤ 0.0002% Nitrogen compound : ≤ 0.0005% Ferrocynide [Fe(CN <sub>6</sub> )] <sup>4-</sup> : < 0.0001%
<b>pH</b>	5 - 8
<b>UV Ratios</b>	Absorbance (A) of 1M aq. solution in a 1cm cell v/s H <sub>2</sub> O : At 260 nm : ≤ 0.01 At 280 nm : ≤ 0.01
<b>RNase, DNase, Protease</b>	Not detected
<b>Insoluble material</b>	≤ 0.003% (In Water)
<b>Assay by titration</b>	≥ 99% (ex Cl)
<b>Grade</b>	Molecular biology reagent grade
<b>Storage</b>	Store at RT

**For Laboratory Use Only**