

**SODIUM CHLORIDE, 5M SOLUTION****PG-925-500ML**

Sodium Chloride Solution 5 M is a concentrated aqueous NaCl solution prepared using high-purity sodium chloride and purified water. It appears as a clear, colourless liquid and is suitable for laboratory, research, analytical, and industrial applications.

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<b>Parameter</b>	<b>Details</b>
<b>Product Name</b>	Sodium Chloride Solution
<b>Formula</b>	NaCl
<b>Concentration</b>	5 M (Molar)
<b>Description</b>	Aqueous solution of Sodium Chloride prepared in purified water
<b>Appearance</b>	Clear colourless liquid
<b>Molecular Weight</b>	58.44 g/mol
<b>Solubility</b>	Completely miscible / soluble in water
<b>pH (1% Solution)</b>	5.0 – 8.0
<b>CAS Number</b>	7647-14-5
<b>Storage Condition</b>	Store tightly closed at room temperature (15–30°C) or 2–8°C. Protect from contamination and direct sunlight
<b>Applications / Uses</b>	Used for buffer preparation, molecular biology, DNA/RNA extraction, analytical testing, cell culture, and general laboratory applications.