

Sodium Hydroxide Pellets**PG-3850-1KG**

Sodium Hydroxide Pellets (NaOH), also known as Caustic Soda, is a high-purity strong alkali widely used in molecular biology, biochemistry, analytical chemistry, microbiology, pharmaceutical research, and industrial laboratories. It is commonly employed for pH adjustment, preparation of buffers and reagents, cleaning laboratory equipment, nucleic acid extraction protocols, and various chemical synthesis applications.

Parameter	Specification
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Product Name	Sodium Hydroxide Pellets
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Chemical Name	Sodium Hydroxide
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Molecular Formula	NaOH
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Molecular Weight	40.00 g/mol
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Appearance	White hygroscopic pellets
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Assay	≥ 98.0%
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Solubility	Freely soluble in water and ethanol
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pH (1% Solution)	≥ 13.0
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Carbonate (Na₂CO₃)	≤ 1.0%
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Chloride (Cl⁻)	≤ 0.05%
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Heavy Metals	≤ 20 ppm
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Iron (Fe)	≤ 20 ppm
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CAS Number	1310-73-2
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Safety

Harmful if inhaled, swallowed, or absorbed through skin. Suspected carcinogen. May cause liver, kidney, and central nervous system damage following prolonged or repeated exposure. Use in a well-ventilated area and wear appropriate PPE including gloves, lab coat, and safety goggles. Avoid contact with skin, eyes, and clothing. Store away from heat and incompatible materials.