

Sodium Hydroxide, Pellets AR Grade

Synonym: Caustic Soda, Lye

Typical Parameters:

Molecular Formula	NaOH
Molecular Weight	40.0
CAS Number	1310-73-2
Density	1.09 gm/cm ³
Melting Range	323 °C
Solubility in water	111 g/100 ml at 20 °C

Quality Specifications:

Physical State & Appearance	White Hygroscopic Powder
Assay:	98.00%
Trace Impurities	Limits (Max)
<i>Total Nitrogen</i>	3 ppm
<i>Carbonate (CO₃)</i>	1.00%
<i>Chloride (Cl)</i>	50 ppm
<i>Nitrate (NO₃)</i>	10 ppm
<i>Phosphate (PO₄)</i>	10 ppm
<i>Silicate (SiO₂)</i>	100 ppm
<i>Sulfate (SO₄)</i>	30 ppm
<i>Water Insoluble Matter</i>	100 ppm
<i>Aluminum (Al)</i>	10 ppm
<i>Arsenic (As)</i>	0.4 ppm
<i>Calcium (Ca)</i>	20 ppm
<i>Copper (Cu)</i>	10 ppm
<i>Iron (Fe)</i>	5 ppm
<i>Lead (Pb)</i>	5 ppm
<i>Magnesium (Mg)</i>	10 ppm
<i>Nickel (Ni)</i>	5 ppm
<i>Potassium (K)</i>	200 ppm

Availability: 25 Kg in Fiber Drums

Freight Classification: Not Regulated

Storage Keep in a tightly closed container. Store in a cool, dry, ventilated area.

⁽¹⁾**Disposal:** Dispose of in accordance with local, state, & federal regulations. For assistance with disposal contact NuGeneration Technologies at 888-99-Nugen or e-mail: info@nugentec.com.