

neoFroxx GmbH

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Specification

Product	Sodium hydroxide pellets p.A. ACS (Reag. EP) (revised)
Product number	LC-4994
Synonyms	Caustic soda
Formula	NaOH
Molecular weight	40.00 g/mol
CAS number	1310-73-2
Storage	below 25°C
Retest period (months)	60

We herewith confirm that this product meets the requirements of the American Chemical Society (ACS) grade reagents (revised).

Parameter	Specification
Appearance (revised)	predominantly white solid pellets, with occasional presence of dark-coloured pellets
Assay (acidimetric)	≥ 97 % (revised)
Carbonate (CO ₃)	≤ 1 %
Sulfate (SO ₄)	≤ 0.003 % (revised)
Chloride (Cl)	≤ 0.005 % (revised)
Nitrogen compounds (as N) (revised)	≤ 0.001 %
Phosphate (PO ₄)	≤ 0.001 % (revised)
Heavy metals (Ag) (revised)	≤ 0.002 %
Iron (Fe)	≤ 0.001 % (revised)
Nickel (Ni)	≤ 0.001 % (revised)
Mercury (Hg)	≤ 0.00001 %
Calcium (Ca)	≤ 0.005 %
Potassium (K)	≤ 0.02 %
Magnesium (Mg)	≤ 0.002 (revised)
Solubility (revised)	110 g in 100 ml at 20°C

Einhausen, 20.05.2025