

NaOH

REAGENTS.
SODIUM HYDROXIDE

№ CAS 4328-77
GOST 4328-77



Technical properties:

Indicator description	Norm		
	Chemically pure (CP)	Pure for analysis (PA)	Pure (P)
Appearance	White mass flakes, highly hygroscopic, very dissolvable in water and alcohol, quickly absorbing carbon dioxide and water from the air.		
Mass fraction of sodium hydroxide (NaOH), %, minimum	99	98	97
Mass fraction of sodium carbonate (Na ₂ CO ₃), %, maximum	0.8	1.0	1.5
Mass fraction of total nitrogen, %, maximum	0.0003	0.0005	0.001
Mass fraction of silicic acid (SiO ₂), %, maximum	0.002	0.002	0.02
Mass fraction of sulfates (SO ₄), %, maximum	0.0005	0.0050	0.0200
Mass fraction of phosphates (PO ₄), %, maximum	0.0005	0.0030	0.0100
Mass fraction of chlorides (Cl), %, maximum	0.0025	0.0050	0.0250
Mass fraction of aluminum (Al), %, maximum	0.0005	0.0010	0.0100
Mass fraction of iron (Fe), %, maximum	0.0005	0.0010	0.0020
Mass fraction of calcium and magnesium calculated as Mg, %, maximum	0.005	0.024	0.060
Mass fraction of potassium (K), %, maximum	0.01	Not rated	Not rated
Mass fraction of heavy metals (Ag), %, maximum	0.0005	0.0010	0.0030
Mass fraction of arsenic (As), %, maximum	0.00004	Not rated	Not rated

APPLICATION. It is used in production of chemical fibers, ion-exchange resins, chemical reagents, cellulose and paper, medical industry, iron and non-ferrous metallurgy.

SAFETY REQUIREMENTS. In terms of effect on organism, the product pertains to the 2 class of hazard.

PACKING AND TRANSPORTATION. It is transported by railway and road transport in covered vehicles. Package is 60 kg polyethylene barrels with polyethylene inserts.

GUARANTEED SHELF LIFE. Guaranteed shelf live is 6 months from the manufacture date.

CERTIFICATION. Compliance Certificate is issued for the sodium hydroxide reactive.

STATE REGISTRATION. The product has been registered in the Potentially Hazardous Chemical and Biological Substances Register of the RF.

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