

neoFroxx GmbH

Marie-Curie-Str. 3
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Specification

Product	Sodium hydroxide pellets pure EP, NF (pharma grade) (revised)
Brand	Labochem

Product number	LC-7334 (revised)
Synonym(s)	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 European Pharmacopoeia (EP 9.0) and the National Formulary (NF 33).

Parameter	Specification
Assay (acidim., NaOH)	min 98.0 %
Assay (total alkalinity calc. as NaOH)	98.0 - 100.5 %
Assay (Na)	54.0 - 59.8 %
Identity	passes test
Appearance of solution	passes test
Insoluble substances and organic matter	passes test
Carbonate (as Na ₂ CO ₃)	max. 0.5 %
Chloride (Cl)	max. 0.02 %
Phosphate (PO ₄)	max. 0.002 %
Silicate (SiO ₂)	max. 0.01 %
Sulfate (SO ₄)	max. 0.02 %
Total nitrogen (N)	max. 0.0005 %
Heavy metals (as Ag)	max. 0.002 %
Heavy metals (as Pb)	max. 0.0005 %
Al	max. 0.001 %
As	max. 0.0003 %
Ca	max. 0.005 %
Cu	max. 0.0005 %
Fe	max. 0.001 %
Hg	max. 0.00001 %
K	max. 0.1 %
Mg	max. 0.002 %
Ni	max. 0.001 %

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Specification

Pb	max. 0.00005 %
Zn	max. 0.0025 %
Residual solvents (EP/USP/ICH)	excluded by manufacturing process
Endotoxins	max. 2.5 I.U./g

Einhausen, 19.08.2021 (revised)