



PRODUCT CODE: 192415

Sodium Hydroxide 1 mol/l (1N) pharma grade

Indicator: Phenolphthalein

HNaO

NaOH

M.= 40,00

CAS [1310-73-2]

EINECS 215-185-5

TARIC 2815 12 00 00

SYNONYMS: Soda lye

PHYSICAL DATA: liquid, Clear, Colourless, caustic , absorbs CO₂ from air, Miscible with water • D 20/4 1,042 •

BIBLIOGRAPHY:

HAZARDOUS: C.E: 011-002-00-6 • LD L0 oral rbt 500 mg/kg • LD50 ipr mus 40 mg/kg VLA-EC (NaOH) 2 mg/m³



H: H314 • H290 •

P: P260 • P264 • P280 • P301+P330+P331 • P303+P361+P353 • P501 • P304+P340 • P305+P351+P338 • P310 • P321 • P338 • P363 • P405 •

TRANSPORT REGULATIONS: UN: 1824 • ADR: 8/II • IMDG: 8/II • IATA: 8/II • PAX: 851 • CAO: 855 • (E) •

WEIGHT/VOLUME INFORMATION: 1l-1,042 kg 1kg-0,96 l

SPECIFICATIONS:

Titer at 20°C

1,00±0,01

Identity :

Identity according to Pharmacopoeias:

passes test

Maximum limit of impurities

Appearance of solution

passes test

Chloride (Cl)

0,005%

Nitrogen compounds (as N)

0,002%

Phosphate (PO₄)

0,002 %

Sulfate (SO ₄)	0,005%
Carbonate (as Na ₂ CO ₃)	1,0%
Residual solvents (Ph.Eur/USP)	passes test
Heavy metals (as Pb)	0,001%
Al	0,002 %
Ca	0,005 %
Fe	0,001 %
K	passes test
Mg	0,005 %
Elemental impurities (ICH Q3D):	
Class 1	
Cd	0,5 ppm
Pb	5 ppm
As	0,4 ppm
Hg	0,1 ppm
Class 2A	
Co	5 ppm
V	10 ppm
Ni	10 ppm
Class 2B	
Tl	5 ppm
Au	10 ppm
Pd	10 ppm
Ir	10 ppm
Os	10 ppm
Rh	10 ppm
Ru	10 ppm
Se	15 ppm
Ag	15 ppm
Pt	10 ppm
Class 3	
Li	55 ppm
Sb	120 ppm
Ba	140 ppm
Mo	25 ppm
Cu	10 ppm
Sn	600 ppm
Cr	25 ppm

This product has been manufactured with Sodium Hydroxide which passes the USP-NF, BP and Ph. Eur. specifications.