



**PRODUCT CODE: 192159**

**Sodium Hydroxide 5 mol/l (5N) pharma grade**

Indicator: Bromophenol Blue

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 CO<sub>2</sub> from air, Miscible with water • D 20/4 1,186 • pH14 •

**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/m<sup>3</sup>



H: H314 •

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~1,186 kg 1kg~0,843 l

**SPECIFICATIONS:**

Titer at 20°C

1,00 ± 0,01

Identity :

Identity according to Pharmacopoeias:

passes test

Appearance of solution	passes test
Insoluble substances and organic matter	passes test
Chloride (Cl)	0,005 %
Sulfate (SO <sub>4</sub> )	0,005 %
Residual solvents (Ph.Eur/USP)	passes test
Heavy metals (as Pb)	0,002 %
Fe	0,001 %
Hg	0,00001 %
K	passes test
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	20 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	250 ppm
Sn	600 ppm
Cr	25 ppm

**This product has been manufactured with a raw material NaOH which passes the RFE, USP-NF, BP, Ph. Eur. specifications.**