

**PRODUCT CODE: 141929****Sodium Hydroxide pearls (USP-NF, BP, Ph. Eur.) pure, pharma grade**

HNaO
NaOHM.= 40,00 CAS [1310-73-2] EINECS 215-185-5
TARIC 2815 11 00 00**SYNONYMS:** Caustic soda**PHYSICAL DATA:** solid, pearls, White, caustic , deliquescent , absorbs CO₂ from air, Soluble in water 1.090 g/l at 20 °C D 2,13 • M.P.: 318 °C • B.P.: 1.390 °C • pH(50 g/l)14 •**BIBLIOGRAPHY:** Merck Index **13**, 8.701 Sax **SHS000** • Safety **2** , **3144 A** • Römp **8** , **2738** • Kühn-Birett **N 12** • Fieser **5615 7336 8460** • ACS **XI** • ISO 6353/2-1983R - 34 , 48 • BP.**2018** • USP -**NF 36** • Ph. Eur. **8.0** (2014) **9.0** (2017) **8.6** • F.C.C **IV364 10416** • Directive 2000/63/EC • •**HAZARDOUS:** C.E: 011-002-00-6 • RTECS: WB 4900000 • VLA-EC 2 mg/m³ DNEL Workers Inhalation, Prolonged exposure 1 mg/m³ DNEL Population Inhalation, long term (local) 1 mg/m³H: H314 • H290 •
P: P260 • P280 • P303+P361+P353 • P305+P351+P338 • P310 • P501 •**TRANSPORT REGULATIONS:** UN: 1823 • ADR: 8/II • IMDG: 8/II • IATA: 8/II • PAX: 859 • CAO: 863 • (E) •**SPECIFICATIONS:**

Assay (Acidim.)	98,0-100,5%
Identity :	
Identity according to Pharmacopoeias:	passes test

Maximum limit of impurities

Appearance of solution	passes test
Insoluble matter in H ₂ O	0,025 %
Insoluble substances and organic matter	passes test
Chloride (Cl)	0,0200%
Nitrogen compounds (as N)	0,002%
Phosphate (PO ₄)	0,002 %
Sulfate (SO ₄)	0,0200%
Carbonate (as Na ₂ CO ₃)	1,0%
Residual solvents (Ph.Eur/USP)	passes test
Heavy metals (as Pb)	0,001%
Fe	0,001 %
K	passes test
Elemental impurities (ICH Q3D):	
Class 1	
Cd	0,5 ppm
Pb	5 ppm
As	1,5 ppm
Hg	1,5 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