

**PRODUCT CODE: 631687****Sodium Hydroxide pellets (Ph. Eur, BP, USP, JP) GMP - IPEC grade**HNaO  
NaOHM.= 40,00 CAS [1310-73-2] EINECS 215-185-5  
TARIC 2815 11 00 00**SYNONYMS:** Caustic Soda**PHYSICAL DATA:** White solid as lentils or flakes, frosted, caustic deliquescent, absorbing CO<sub>2</sub> from the air, Soluble in water 1.090 g/l at 20 °C D 2,13 • M.P.: 318 °C • B.P.: 1.390 °C • pH(50g/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 **10 11** • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 JP XV •**HAZARDOUS:** C.E: 011-002-00-6 • RTECS: WB 4900000 • VLA-EC 2 mg/m<sup>3</sup> DNEL Workers Inhalation, Prolonged exposure 1 mg/m<sup>3</sup> DNEL Population Inhalation, long term (local) 1 mg/m<sup>3</sup>H: 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.) 97,0 - 100,5 %  
Identity :

Identity according to Pharmacopoeias:	
Identity Sodium	passes test
Identity pH	passes test

**Maximum limit of impurities**

Appearance of solution	
Appearance Clear < formazin I	passes test
Appearance Colourless	passes test
Chloride (Cl)	0,0200 %
Sulfate (SO <sub>4</sub> )	0,0200 %
Carbonate (as Na <sub>2</sub> CO <sub>3</sub> )	2,0 %

Insoluble substances and organic matter	passes test
Residual solvents (Ph.Eur/USP)	passes test
Heavy metals (as Pb)	0,0020 %

Fe	0,0010 %
K (USP)	passes test
K (JP)	passes test
Hg	0,00001 %

Elemental impurities (ICH Q3D):

Class 1	
Cd	0,5 ppm
Pb	5 ppm
As	1,5 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