



Specification

Concerning Product:	
Article number	1310732VLR
Trade name / designation / denomination	Natriumhydroxid, (Ätznatron) Perlen
CAS number	1310-73-2
Other names / synonyms	•caustic soda, solid; •sodium hydroxide;
EC number	215-185-5
EC index number	011-002-00-6
Customs tariff number / CN code / TARIC	28151200
Molecular weight [g / mol]	39.99711
Formula	NaOH HNaO
Danger  UN 1823, 8 (Ätzende Stoffe), II	
May be corrosive to metals. Causes severe skin burns and eye damage. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED: IF IN EYES: IF exposed or if you feel unwell: Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Do NOT induce vomiting. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.	

Parameter	Specification	Unit
Organoleptic test		
Appearance	Solid small fused colourless to white pearls	
Identity		
Assay	NaOH: 99 – 100	%
Impurities		
Impurity	NaCl ≤ 200	ppm
Impurity	Silicon dioxide ≤ 20	ppm
Impurity	Sodium carbonate ≤ 0,4	%
Impurity	Sodium chlorate ≤ 60	ppm
Impurity	Sodium sulphate ≤ 120	ppm
Elemental Impurities		
Aluminium (Al)	≤ 1	ppm
Arsenic (As)	≤ 0,6	ppm
Calcium (Ca)	≤ 10	ppm
Cadmium (Cd)	≤ 0,2	ppm
Chromium (Cr)	≤ 2	ppm
Copper (Cu)	≤ 0,2	ppm
Iron (Fe)	≤ 10	ppm
Mercury (Hg)	≤ 0,01	ppm
Magnesium (Mg)	≤ 6	ppm
Manganese (Mn)	≤ 0,2	ppm

Nickel (Ni)	≤ 10	ppm
Lead (Pb)	≤ 0,5	ppm
Antimon (Sb)	≤ 0,2	ppm
Selenium (Se)	≤ 0,2	ppm
Zinc (Zn)	≤ 0,1	ppm

Annotation:

- Mercury is not applied in the membrane process. - This product complies with the purity requirements of the Commission Regulation (EU) No. 231/2012 on food additives, European standard for drinking water treatment EN 896:2012, type 2 and Food Chemicals Codex (FCC), 8 th edition.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 16. Nov. 2022

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