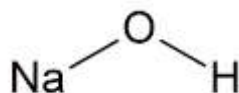


TIQ-F-QC-003
 Rev.00

Technical Data Sheet

SODIUM HYDROXIDE PELLETS 98% AR

Caustic Soda



Product Code	O-5192	Grade	Analytical Reagent
Purity	98%	CAS No	1310-73-2
Molecular Formula	NaOH	Molecular Weight	40.00 g/mol
H.S.Code	2815.1190	Shelf Life	60 Months

Physical Properties

Physical state	Pellets	Colour	White
Melting point	318 °C	Solubility in water	1.090 g/l at 20 °C
Relative density	2,13 g/cm ³ at 20 °C	Boiling point	1.390 °C at 1.013 hPa
pH value	> 14 at 100 g/l at 20 °C	Vapour Pressure	< 24 hPa at 20 °C
Vapour density	1,38 - (Air = 1.0)		

Packaging

500 gram

Specification

Appearance	White deliquescent pellets or pearls
Assay (acidimetric)	98 - 100.5 %
Identity (acc. To pharmacopoeias)	passes test
Appearance of solution	passes test
Insoluble matter in water	max 0.025 %
Sodium carbonate (Na ₂ CO ₃)	max 1.0 %
Chloride (Cl)	max 0.005 %
Sulphate (SO ₄)	max 0.003 %
Phosphate (PO ₄)	max 0.001 %
Silicate (SiO ₂)	max 0.001 %
Total nitrogen (N)	max 0.0003 %
Heavy metals (as Pb)	max 0.002 %
Iron (Fe)	max 0.001 %
Nickel (Ni)	max 0.001 %

Calcium (Ca)	max 0.005 %
Potassium (K)	max 0.05 %
Magnesium (Mg)	max 0.002 %
Mercury (Hg)	max 0.00001 %

Safety Information and Hazard Symbols



Symbol: GHS05

Signal Word: danger

UN No.: 1823

IMCO Class No.: 8

Packing Group: II

Hazardous Statement: H290-H314

Precaution Statement: P280-P303+P361+P353-P304+P340+P310-P305+P351+P338