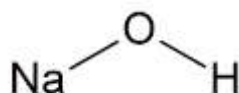


TIQ-F-QC-003
Rev.00**Technical Data Sheet****SODIUM HYDROXIDE SOLUTION 4%**

Product Code	I-9090	Grade	Analytical Reagent
Purity	10%	CAS No	1310-73-2 mixture
Molecular Formula	NaOH in H ₂ O	Molecular Weight	40.00 g/mol
H.S.Code	2815.1190	Shelf Life	36 Months

Physical Properties

Physical state	Liquid	Colour	Colourless
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Packaging

500 mL

Specification

Appearance	A clear colorless liquid
Assay (acidimetric)	9.5 - 10.5 %
Identity	passes test
Density at 20 °C	about 1.11 g/cm ³
Sodium carbonate (as Na ₂ CO ₃)	max 1.0 %
Chloride (Cl)	max 20 ppm
Sulphate (SO ₄)	max 30 ppm
Phosphate (PO ₄)	max 20 ppm
Silicate (SiO ₂)	max 10 ppm
Heavy metals (as Pb)	max 5 ppm
Iron (Fe)	max 5 ppm
Aluminium (Al)	max 5 ppm

Safety Information and Hazard Symbols

Symbol: GHS05

Signal Word: danger

UN No.: 1824

IMCO Class No.: 8

Packing Group: II

Hazardous Statement: H290-H314

Precaution Statement: P234-P280-P303+P361+P353-P304+P340+P310-P305+P351+P338

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