

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Sodium Hydroxide Solution 4 % w/v

Catalog Number : I-9085

Batch Number : 9085-00000000

CAS Number : 1310-73-2 (mixture)

Molecular Weight : 40.0 g/mol

Mol. Formula : NaOH in Water

Expire Date : 24 months



No	Test	Specifications	Results
1	Appearance	Clear and colourless liquid	Clear and colourless liquid
2	Amount of substance concentration, c(NaOH) by acidimetric	3.8 - 4.2 % w/v	4.16 % w/v
3	Odour	Characteristic odour	Characteristic odour
4	Density at 20 °C	1.040 - 1.060 g/cm ³	1.048 g/cm ³
5	Carbonate (Na ₂ CO ₃)	max 0.2 %	0.117%
6	Heavy metals (as Pb)	max 50 ppm	15 ppm
7	Chloride (Cl)	max 10 ppm	< 5 ppm

LABOTIQ In-house product specification

This volumetric solution was checked by means of Hydrochloric acid standard solution traceable to NIST

Note: The expiration date is for an unopened container.

Expiry date: 12 months from the date of opening



SUDIRO S.Si.
Manager QC