

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Sodium Hydroxide Solution 50 % AR

Catalog Number : I-9058

Batch Number : 9058-00000000

CAS Number : 1310-73-2

Molecular Weight : 40.0 g/mol

Mol. Formula : NaOH

Expire Date : 60 Months

SAMPLE

No	Test	Specifications	Results
1	Appearance	A clear colorless liquid	A clear colorless liquid
2	Assay (acidimetric)	49.0 - 51.0 %	50.16%
3	Identity	passes test	passes test
4	Density at 20 °C	about 1.53 g/cm ³	1.53 g/cm ³
5	Sodium carbonate (as Na ₂ CO ₃)	max 0.2 %	0.14%
6	Chloride (Cl)	max 0.0025 %	0.0012%
7	Sulphate (SO ₄)	max 0.003 %	0.0018%
8	Phosphate (PO ₄)	max 0.0005 %	0.00004%
9	Silicate (SiO ₂)	max 0.005 %	0.00075%
10	Total Nitrogen (N)	max 0.0005 %	0.00016%
11	Heavy metals (as Pb)	max 0.0005 %	0.00018%
12	Iron (Fe)	max 0.0005 %	0.00029%
13	Aluminium (Al)	max 0.0005 %	0.00011%
14	Potassium (K)	max 0.025 %	0.0078%

Corresponds to AR/ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specificationSUDIRO S.Si.
Manager QC