

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Sodium Hydroxide Pellets 98% AR

Catalog Number : O-5192

Batch Number : 5192-00000000

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	White deliquescent pellets or pearls	White deliquescent pellets
2	Assay (acidimetric)	98 - 100.5 %	98.75%
3	Identity (acc. To pharmacopoeias)	passes test	passes
4	Appearance of solution	passes test	passes
5	Insoluble matter in water	max 0.025 %	0.005%
6	Sodium carbonate (Na ₂ CO ₃)	max 1.0 %	0.06%
7	Chloride (Cl)	max 0.005 %	0.0005%
8	Sulphate (SO ₄)	max 0.003 %	0.0004%
9	Phosphate (PO ₄)	max 0.001 %	0.00022%
10	Silicate (SiO ₂)	max 0.001 %	0.0005%
11	Total nitrogen (N)	max 0.0003 %	0.00014%
12	Heavy metals (as Pb)	max 0.002 %	0.00022%
13	Iron (Fe)	max 0.001 %	0.00036%
14	Nickel (Ni)	max 0.001 %	0.00021%
15	Calcium (Ca)	max 0.005 %	0.0027%
16	Potassium (K)	max 0.05 %	0.008%
17	Magnesium (Mg)	max 0.002 %	0.0003%
18	Mercury (Hg)	max 0.00001 %	0.000006%

Corresponds to AR/ACS Grade, Confirms to BP, USP Caustic Soda

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