



CERTIFICATE OF ANALYSIS

Product Name : SODIUM HYDROXIDE PELLETS 98% AR
Confirming to BP, USP

Lot No. : A419172206 Analyzed On : 10-Jun-2022

Mol. Formula : NaOH Mol. Weight : 40.00

Code No. : 05900 CAS No. : 1310-73-2

Mfg. Date : Jun-2022 Exp. Date : May-2027

HAZ. / P.G. : 8 / II UN No. : 1823

Sr.	Tests	Specifications	Results
1	Appearance	White deliquescent pellets or pearls	White deliquescent pellets
2	Assay (acidimetric)	98 - 100.5%	98.10%
3	Identity (acc. to pharmacopoeias)	Passes test	Passes test
4	Appearance of solution	Passes test	Passes test
5	Insoluble matter in water	Max 0.025%	<0.025%
6	Sodium carbonate (Na ₂ CO ₃)	Max 1.0%	0.32%
7	Chloride (Cl)	Max 0.005%	0.005 %
8	Sulphate (SO ₄)	Max 0.003%	0.0027%
9	Phosphate (PO ₄)	Max 0.001%	0.001 %
10	Silicate (SiO ₂)	Max 0.001%	0.001%
11	Total nitrogen (N)	Max 0.0003%	<0.0003%
12	Heavy metal (as Pb)	Max 0.002%	0.000023%
13	Iron (Fe)	Max 0.001%	0.00017%
14	Nickel (Ni)	Max 0.001%	0.00043%
15	Calcium (Ca)	Max 0.005%	Nil
16	Potassium (K)	Max 0.05%	0.05%
17	Magnesium (Mg)	Max 0.002%	Nil
18	Mercury (Hg)	Max 0.00001%	<0.00001%

CONCLUSION -This above product complies as per the specifications of **LOBA CHEMIE PVT. LTD.**

Kavita
Chemist

Shashikant Gaikwad
QC Manager

LOBA CHEMIE PVT. LTD.

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LOBA/QC/FM/01

05/26.10.2021