



CERTIFICATE OF ANALYSIS

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

Lot No. : A54867Z2503 Release Date : 22-Mar-2025

Mol. Formula : NaOH Mol. Weight : 40.00

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

Mfg. Date : Mar-2025 Exp. Date : Feb-2030

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%	98.1%
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%	0.37%
7	Chloride (Cl)	Max 0.005%	0.005%
8	Sulphate (SO ₄)	Max 0.003%	0.002%
9	Phosphate (PO ₄)	Max 0.001%	0.0008%
10	Silicate (SiO ₂)	Max 0.001%	0.0008%
11	Total nitrogen (N)	Max 0.0003%	0.0003%
12	Heavy metal (as Pb)	Max 0.002%	0.00004%
13	Iron (Fe)	Max 0.001%	0.0001%
14	Nickel (Ni)	Max 0.001%	0.0004%
15	Calcium (Ca)	Max 0.005%	Not detected
16	Potassium (K)	Max 0.05%	0.039%
17	Magnesium (Mg)	Max 0.002%	Not detected
18	Mercury (Hg)	Max 0.00001%	<0.00001%

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

Afroz Khan
Chemist

Jagruti B. Patil
QC Manager

LOBA CHEMIE PVT. LTD.

Mfg. Add.: LOBA Chemie Pvt. Ltd. Plot No. D-22, MIDC Tarapur, Boisar, Tal. & Dist.-Palghar, Maharashtra-401506

Tel: 91.02525-663630/39/34

HO Add.: Loba Chemie Pvt. Ltd., Jehangir Villa, 107, Wodehouse Road., Colaba, Mumbai, Maharashtra – 400005

Customer Care No: +9122 66636663/Email:info@lobachemie.com www.lobachemie.com

LOBA/QC/FM/01

06/01.06.2023