

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2023-12-11 16:23:55

Date of Next Testing: 2026-12-10 16:23:55

Product Name: **Sodium hydroxide**

CAS Number: 1310-73-2

Specifications & Purity: pellets Premium-Grade Reagents , for Analysis,

Lot #: L2308422

SKU #: **S431789**

Analysis: **300418**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(acidimetric,NaOH)	99-102.5 (%)	99.27000 %
Carbonate(as Na ₂ CO ₃)	0-1 (%)	0.60000 %
Chloride(Cl)	0-0.012 (%)	0.00060 %
Phosphate(PO ₄)	0-0.0005 (%)	0.00000 %
Sulfate(SO ₄)	0-0.01 (%)	0.00000 %
silicate (as SiO ₂)	0-0.001 (%)	0.00000 %
Total Nitrogen	0-0.003 (%)	0.00000 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00000 %
Aluminium(Al)	0-0.0005 (%)	0.00000 %
Arsenic(As)	0-0.0001 (%)	0.00000 %
Calcium(Ca)	0-0.0005 (%)	0.00000 %
Copper(Cu)	0-0.0002 (%)	0.00000 %
Iron(Fe)	0-0.0005 (%)	0.00000 %
Potassium(K)	0-0.05 (%)	0.03800 %
Magnesium(Mg)	0-0.0005 (%)	0.00000 %
Nickel(Ni)	0-0.0005 (%)	0.00000 %
Lead(Pb)	0-0.0005 (%)	0.00000 %
Zinc(Zn)	0-0.001 (%)	0.00000 %
Appearance(S431789)	White Pellets	white pellets
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

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A handwritten signature in black ink that reads "John Su". The script is fluid and cursive.

John Su
QA & QC Manager