

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-31 17:11:20
 Date of Next Testing: 2030-01-30 17:11:20
 Product Name: **Sodium hydroxide**
 CAS Number: 1310-73-2
 Specifications & Purity: BP,Ph.Eur.,NF,Low Endotoxin,≥98%,pellets
 Lot #: GMA2628751
 SKU #: **S774711**
 Version: **1**
 Analysis #: **653559**
 Storage Temperature: Room temperature,Desiccated

Parameter	Limit Values	Result
Assay(acidimetric,NaOH)	98-100.5 (%)	98.08000 %
Assay(Na)	54.0-59.8 (%)	57.77430 %
Carbonate(as Na ₂ CO ₃)	0-2 (%)	1.45000 %
Chloride (Cl ⁻)	0-0.02 (%)	0.00373 %
Potassium(K)	0-0.05 (%)	0.00592 %
Iron(Fe)	0-0.001 (%)	0.00020 %
Sulfate(SO ₄)	0-0.02 (%)	0.00067 %
(PO ₄)Phosphate	0-0.001 (%)	0.00041 %
silicate (as SiO ₂)	0-0.01 (%)	0.00000 %
Total nitrogen (as N)	≤0.0005 (%)	0.00000 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00002 %
Aluminium(Al)	0-0.001 (%)	0.00000 %
Arsenic(As)	0-0.0003 (%)	0.00000 %
Calcium(Ca)	0-0.005 (%)	0.00000 %
Copper(Cu)	0-0.0005 (%)	0.00000 %
Mercury(Hg)	0-0.00001 (%)	0.00000 %
Magnesium(Mg)	0-0.002 (%)	0.00000 %
Nickel(Ni)	0-0.001 (%)	0.00002 %
Lead(Pb)	0-0.00005 (%)	0.00000 %
Zinc(Zn)	0-0.0025 (%)	0.00006 %
Endotoxins	0-2.5 (IU/g OR u/g)	0.00000 IU/g OR u/g
Appearance(S774711)	white or almost white pellets deliquescent, readily absorbing carbon dioxide	white or almost white pellets deliquescent, readily absorbing carbon dioxide

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Parameter	Limit Values	Result
Solubility:very soluble in water, freely soluble in ethanol(96 per cent)	pass	Pass
Identity(pH)	Passes test	Passes test
Identity(Sodium)	passes test	Passes test
Appearance of solution	Conforms	Conforms
Insoluble substances and organic matter	passes test	Passes test
Residual solvents (ICH (Q3C))excluded by manufacturing process	pass	Pass

A handwritten signature in black ink that reads "John Su".John Su
QA & QC Manager