



# NEWAY SINOPHC TECH. LIMITED

ADD:RM. 204, BUILDING 3, NO. 188, AONA RD., CHINA (SHANGHAI) PILOT FREE TRADE ZONE.  
Email:marketing01@newayphc.com; Phone:+86-021-50350029 <https://www.newayphc.com>

## Certificate of Analysis

**Product Name:** Sodium Hydroxide

### Product Information

Product Number: NaOH-20260203 Batch Number: NaOH-B2026020301 Brand: SIGALD CAS  
Number: 1310-73-2 Formula: NaOH Molecular Weight: 40.00 g/mol Purity Grade:  $\geq 99.0\%$  (w/w,  
Industrial Grade, Flake) Quality Release Date: 03 FEB 2025

Test Item	Specification (Industrial Grade, GB/T 209 -2018)	Result	Test Method
Appearance	White flakes, no visible mechanical impurities	White flakes, no mechanical impurities	Visual Inspection
Purity (NaOH Content)	$\geq 99.0\%$	99.3%	Titration Method (GB/T 209-2018)
Sodium Carbonate ( $\text{Na}_2\text{CO}_3$ ) Content	$\leq 0.5\%$	0.25%	Titration Method
Sodium Chloride (NaCl) Content	$\leq 0.03\%$	0.012%	Silver Nitrate Turbidimetry
Iron (Fe) Content	$\leq 0.001\%$	0.0006%	Atomic Absorption Spectrometry
Heavy Metals (Pb) Content	$\leq 0.0005\%$	0.0002%	Atomic Absorption Spectrometry
Moisture Content	$\leq 0.5\%$	0.31%	Gravimetric Method
Density (20°C, 5% Aqueous Solution, g/cm <sup>3</sup> )	1.05-1.07	1.06	Density Meter Method

This batch of product has been tested in accordance with GB/T 209-2018 and ASTM E1358 standards, meeting all specified requirements for Sodium Hydroxide. It is qualified for use in chemical synthesis, textile processing, pharmaceutical and water treatment scenarios. Issue Date: 03 FEB 2025