

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.com

Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Sodium hydroxide – ACS reagent, ≥97.0%, pellets

Product Number: 221465
CAS Number: 1310-73-2
MDL: MFCD00003548
Formula: HNaO
Formula Weight: 40.00 g/mol

NaOH

TEST	Specification
Appearance (Color)	White
Appearance (Form)	Pellets
X-Ray Diffraction	Conforms to Structure
Titration by HCL	≥ 97.0 %
Impurity	≤ 1.0 %
% Na ₂ CO ₃ by HCl Titration	
Sulfate (SO ₄)	≤ 0.003 %
Chloride Content	≤ 0.005 %
Nitrogen Compounds	≤ 0.001 %
(as N)	
Phosphate (PO ₄)	≤ 0.001 %
Heavy Metals	≤ 0.002 %
(as Ag)	
Iron (Fe)	≤ 0.001 %
Nickel (Ni)	≤ 0.001 %
Mercury (Hg)	≤ 0.1 ppm
Calcium (Ca)	≤ 0.005 %
Magnesium (Mg)	≤ 0.002 %
Potassium (K)	≤ 0.02 %
Meets ACS Requirements	Current ACS Specification
10th Edition	
Recommended Retest Period	-----
2 Years	

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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Specification: PRD.1.ZQ5.1000005009

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