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## Product Specification

Product Name:

Sodium hydroxide - anhydrous, free-flowing, pellets, Redi-Dri<sup>™</sup>, ACS reagent, ≥97%

Product Number:

795429

CAS Number:

1310-73-2

NaOH

Formula:

NaOH

Formula Weight:

40.00 g/mol

TEST	Specification
Appearance (Color)	White
Appearance (Form)	Pellets
X-Ray Diffraction	Conforms to Structure
Titration by HCL	≥ 97.0 %
Impurity	≤ 1.0 %
% Na <sub>2</sub> CO <sub>3</sub> by HCl Titration	
Sulfate (SO <sub>4</sub> )	≤ 0.003 %
Chloride Content	≤ 0.005 %
Nitrogen Compounds	≤ 0.001 %
(as N)	
Phosphate (PO <sub>4</sub> )	≤ 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
Recommended Retest Period	-----
2 Years	

Specification: PRD.1.ZQ5.10000054214

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](http://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.