

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:

Sodium hydroxide solution - BioUltra, for molecular biology, 10 M in H₂O

Product Number:

72068

CAS Number:

1310-73-2

NaOH

Formula:

HNaO

Formula Weight:

40.00 g/mol

TEST	Specification
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Appearance (Colour)	Colorless
Appearance (Form)	Liquid
Titration	9.50 - 10.50 Mol/l
Acidimetric	
Density	1.320 - 1.340
(D20/4)	
Metal Trace Analysis (ICP)	Corresponds to Requirements
Barium (Ba)	≤ 1 mg/kg
Bismuth (Bi)	≤ 1 mg/kg
Calcium (Ca)	≤ 5 mg/kg
Cadmium (Cd)	≤ 1 mg/kg
Cobalt (Co)	≤ 1 mg/kg
Chromium (Cr)	≤ 1 mg/kg
Copper (Cu)	≤ 1 mg/kg
Iron (Fe)	≤ 1 mg/kg
Potassium (K)	≤ 100 mg/kg
Lithium (Li)	≤ 1 mg/kg
Magnesium (Mg)	≤ 1 mg/kg
Manganese (Mn)	≤ 1 mg/kg
Molybdenum (Mo)	≤ 1 mg/kg
Nickel (Ni)	≤ 1 mg/kg
Lead (Pb)	≤ 1 mg/kg
Strontium (Sr)	≤ 1 mg/kg
Zinc (Zn)	≤ 1 mg/kg

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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TEST	Specification
Extraneous Activities Dnases, Rnases, Proteases, Phosphatases Not Detectable	None Detected
Appearance of solution (Clear Colorless) Neat	Conforms
Filtered (No Residue on Filter Test)	Conforms
UV Absorbance 260nm	≤ 0.080
UV Absorbance 280nm	≤ 0.050

Specification: PRE.0.ZQ5.10000018929

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