

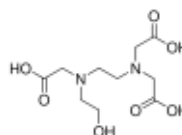
3050 Spruce Street, Saint Louis, MO 63103, USA

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

Product Specification

Product Name:
N-(2-Hydroxyethyl)ethylenediamine-N,N',N'-triacetic acid - BioXtra, ≥98%

Product Number: **H7154**
CAS Number: 150-39-0
MDL: MFCD00004294
Formula: C₁₀H₁₈N₂O₇
Formula Weight: 278.26 g/mol



TEST	Specification
Appearance (Color)	White to Off White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
0.1 M in 3 M NaOH	
Residue on ignition (Ash)	≤ 1 %
Insoluble matter	≤ 0.1 %
Chloride Content	≤ 0.05 %
Sulfate	≤ 1 %
Ammonia (NH ₃)	≤ 0.05 %
Aluminum (Al)	≤ 0.0005 %
Phosphorus (P)	≤ 0.0005 %
Lead (Pb)	≤ 0.001 %
Calcium (Ca)	≤ 0.0005 %
Magnesium (Mg)	≤ 0.0005 %
Sodium (Na)	≤ 0.5 %
Iron (Fe)	≤ 0.0005 %
Copper (Cu)	≤ 0.0005 %
Zinc (Zn)	≤ 0.0005 %
Potassium (K) by AA	≤ 0.005 %
% Purity (Titration)	≥ 98
¹ H NMR Spectrum	Conforms to Structure

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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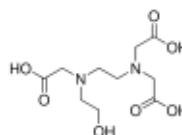
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Specification: PRD.2.ZQ5.10000010142

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