

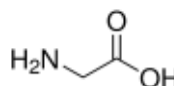
3050 Spruce Street, Saint Louis, MO 63103, USA

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

Product Specification

Product Name:
Glycine - BioXtra, ≥99% (titration)

Product Number: **G7403**
CAS Number: 56-40-6
MDL: MFCD00008131
Formula: C₂H₅NO₂
Formula Weight: 75.07 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder or Crystals
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
1 M, 1 M HCl	
Loss on Drying	≤ 0.05 %
(HV, 20-26 deg C)	
Residue on ignition (Ash)	≤ 0.05 %
SO ₄ , 900 deg C	
Insoluble Matter	Pass
Sulfate	≤ 0.005 %
Chloride Content	≤ 0.005 %
Aluminum (AL)	≤ 0.0005 %
Bismuth (Bi)	≤ 0.0005 %
Lead (Pb)	≤ 0.0005 %
% Arsenic	≤ 0.00001
Barium	≤ 0.0005 %
Cadmium (Cd)	≤ 0.0005 %
Cobalt (Co)	≤ 0.0005 %
Copper (Cu)	≤ 0.0005 %
Strontium (Sr)	≤ 0.0005 %
Zinc (Zn)	≤ 0.0005 %
Potassium (K)	≤ 0.005 %
Calcium (Ca)	≤ 0.001 %

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.

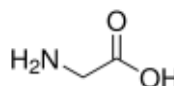
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TEST	Specification
Chromium (Cr)	≤ 0.0005 %
Magnesium (Mg)	≤ 0.0005 %
Manganese (Mn)	≤ 0.0005 %
Iron (Fe)	≤ 0.0005 %
Lithium	≤ 0.0005 %
Molybdenum (Mo)	≤ 0.0005 %
Nickel	≤ 0.0005 %
Sodium (Na)	≤ 0.02 %
A260 UV Absorption (c = 1 M in 1 M HCl)	≤ 0.04
A280 UV Absorption (c = 1 M in 1 M HCl)	≤ 0.04
Ammonium	≤ 0.02 %
Purity by Titration	≥ 99 %
Recommended Retest Period 4 years	-----

Specification: PRD.2.ZQ5.10000044413

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