

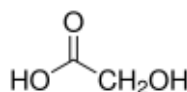
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## Product Specification

Product Name:  
Glycolic acid – BioXtra, ≥98.0% (titration)

**Product Number:** G8284  
**CAS Number:** 79-14-1  
**MDL:** MFCD00004312  
**Formula:** C<sub>2</sub>H<sub>4</sub>O<sub>3</sub>  
**Formula Weight:** 76.05 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder or Crystals
Infrared Spectrum	Conforms to Structure
Solubility	Conforms
Solubility (Color): Colorless (1M in water)	
Solubility (Clarity): Clear (by NTU)	
Ammonia	≤ 0.05 %
Residue on ignition (Ash)	≤ 0.1 %
Chloride	≤ 0.05 %
Sulfate	≤ 0.05 %
Insoluble Matter	≤ 0.1 %
Aluminum (Al)	≤ 0.0005 %
Calcium (Ca)	≤ 0.0005 %
Copper (Cu)	≤ 0.0005 %
Iron (Fe)	≤ 0.0005 %
Lead (Pb)	≤ 0.001 %
Magnesium (Mg)	≤ 0.0005 %
Phosphorus (P)	≤ 0.0005 %
Sodium (Na)	≤ 0.005 %
Zinc (Zn)	≤ 0.0005 %
Potassium (K)	≤ 0.005 %
Titration with NaOH	98.0 - 102.0 %

Specification: PRD.0.ZQ5.10000053318

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.