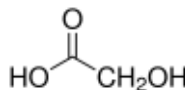


Certificate of Analysis

Product Name:

Glycolic acid – BioXtra, ≥98.0% (titration)

Product Number: G8284
Batch Number: MKCP3722
Brand: SIAL
CAS Number: 79-14-1
MDL Number: MFCD00004312
Formula: C₂H₄O₃
Formula Weight: 76.05 g/mol
Quality Release Date: 27 MAY 2021



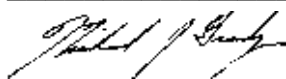
Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder or Crystals	Powder
Infrared Spectrum	Conforms to Structure	Conforms
Solubility	Conforms	Conforms
Solubility (Color): Colorless (1M in water)		
Solubility (Clarity): Clear (by NTU)		
Ammonia	≤ 0.05 %	< 0.05 %
Residue on ignition (Ash)	≤ 0.1 %	< 0.1 %
Chloride	≤ 0.05 %	< 0.01 %
Sulfate	≤ 0.05 %	< 0.01 %
Insoluble Matter	≤ 0.1 %	< 0.1 %
Aluminum (Al)	≤ 0.0005 %	< 0.0005 %
Calcium (Ca)	≤ 0.0005 %	< 0.0005 %
Copper (Cu)	≤ 0.0005 %	< 0.0005 %
Iron (Fe)	≤ 0.0005 %	< 0.0005 %
Lead (Pb)	≤ 0.001 %	< 0.001 %
Magnesium (Mg)	≤ 0.0005 %	< 0.0005 %
Phosphorus (P)	≤ 0.0005 %	< 0.0005 %
Sodium (Na)	≤ 0.005 %	< 0.005 %
Zinc (Zn)	≤ 0.0005 %	< 0.0005 %
Potassium (K)	≤ 0.005 %	< 0.005 %
Titration with NaOH	98.0 - 102.0 %	99.8 %

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.



Certificate of Analysis

Product Number: G8284
Batch Number: MKCP3722



Michael Grady, Manager
Quality Control
Milwaukee, WI US

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