

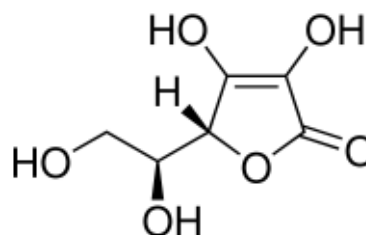
3050 Spruce Street, Saint Louis, MO 63103, USA

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## Product Specification

Product Name:  
L-Ascorbic acid - BioXtra, ≥99.0%, crystalline

Product Number: **A5960**  
CAS Number: 50-81-7  
MDL: MFCD00064328  
Formula: C<sub>6</sub>H<sub>8</sub>O<sub>6</sub>  
Formula Weight: 176.12 g/mol



TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
0.5 M in H <sub>2</sub> O	
Residue on ignition (Ash)	≤ 0.1 %
Insoluble matter	≤ 0.1 %
Sulfate	Pass
< or = 0.05%	
Aluminum (Al)	≤ 0.0005 %
Phosphorus (P)	≤ 0.0005 %
Lead (Pb)	≤ 0.001 %
Iron (Fe)	≤ 0.0005 %
Copper (Cu)	≤ 0.0005 %
Zinc (Zn)	≤ 0.0005 %
Calcium (Ca)	≤ 0.0005 %
Magnesium (Mg)	≤ 0.0005 %
Sodium (Na)	≤ 0.005 %
Potassium (K)	≤ 0.005 %
Ammonia (NH <sub>4</sub> )	≤ 0.05 %
Titration with Iodine	≥ 99.0 %
Recommended Retest Period	-----
3 years	

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.

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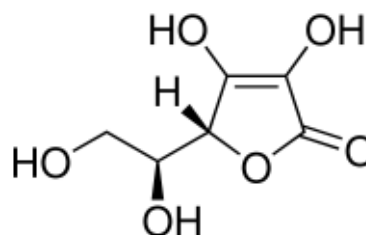
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Specification: PRD.0.ZQ5.10000022450

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