

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

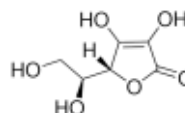
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
L-Ascorbic acid - anhydrous, free-flowing, Redi-Dri[™], ACS reagent, ≥99%

Product Number: **795437**
CAS Number: 50-81-7
Formula: C₆H₈O₆
Formula Weight: 176.12 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Infrared spectrum	Conforms to Structure
Optical Rotation (+); c = 10%; Water	20.5 - 21.5 deg
Titration by Iodine	≥ 99.0 %
Residue on Ignition	≤ 0.10 %
Iron (Fe)	≤ 0.001 %
Heavy Metals by ICP-OES	≤ 0.002 %
Recommended Retest Period 3 Years	-----
Meets ACS Requirements	Current ACS Specification

Specification: PRD.1.ZQ5.10000072379

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.