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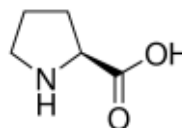
Email USA: techserv@sial.com

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Product Specification

Product Name:
L-Proline - 99%, FCC, FG

Product Number: W331902
CAS Number: 147-85-3
MDL: MFCD00064318
Formula: C₅H₉NO₂
Formula Weight: 115.13 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Crystalline Powder
Infrared spectrum	Conforms to Structure
Purity (Titration by HClO ₄)	98.5 - 101.5 %
Optical Rotation c = 4%; Water; Dried	-86.3 - -84.0 deg
Loss on Drying 105 Deg C; 3 Hours	≤ 0.30 %
Residue on ignition (Ash)	≤ 0.10 %
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Lead (Pb)	≤ 5 ppm
Expiration Date Period 5 Years	-----

Specification: PRD.3.ZQ5.10000013771

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.