

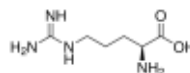
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Product Specification

Product Name:
L-Arginine - reagent grade, ≥98%

Product Number: A5006
CAS Number: 74-79-3
MDL: MFCD00002635
Formula: C₆H₁₄N₄O₂
Formula Weight: 174.20 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Infrared spectrum	Conforms to Structure
Carbon	40.5 - 42.1 %
Nitrogen	31.5 - 33.0 %
Optical Rotation c = 8 in 6 M HCl	26.0 - 27.9 deg
Solubility (Turbidity) c = 50 mg/ml; Water	Clear
Solubility (Color)	Colorless
Titration with HClO ₄	98 - 102 %
Recommended Retest Period 3 years	-----

Specification: PRD.2.ZQ5.10000017974

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.