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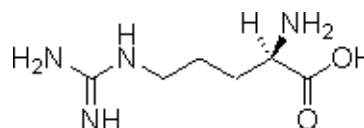
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Product Specification

Product Name:
D-Arginine - ≥98% (TLC)

Product Number: A2646
CAS Number: 157-06-2
MDL: MFCD00063116
Formula: C₆H₁₄N₄O₂
Formula Weight: 174.2 g/mol



TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
50 mg/ml, H ₂ O	
Infrared spectrum	Conforms to Structure
Carbon	40.5 - 42.1 %
Nitrogen	31.5 - 33.0 %
Specific Rotation	-27.6 - -26.2 °
(c = 2 in 6 M HCl at 20 deg C)	
Purity (TLC)	≥ 98 %

Specification Date : 03/05/2011

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.