

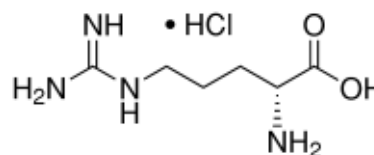
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## Product Specification

Product Name:  
D-Arginine monohydrochloride - ≥98% (TLC)

Product Number: **A6757**  
CAS Number: 627-75-8  
MDL: MFCD00012620  
Formula: C<sub>6</sub>H<sub>14</sub>N<sub>4</sub>O<sub>2</sub> · HCl  
Formula Weight: 210.66 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
at 200 mg plus 4 ml of H <sub>2</sub> O	
Infrared spectrum	Conforms to Structure
Carbon	33.5 - 34.9 %
Nitrogen	26.1 - 27.1 %
Specific Rotation	-23 - -21 °
(c = 2 in 6 M HCl at 25 deg C)	
Purity (TLC)	≥ 98 %

Specification: PRD.0.ZQ5.10000014866

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.