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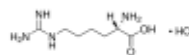
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## Product Specification

Product Name:  
L-Homoarginine hydrochloride - unnatural arginine analog

Product Number: **H1007**  
 CAS Number: 1483-01-8  
 MDL: MFCD00012622  
 Formula: C<sub>7</sub>H<sub>16</sub>N<sub>4</sub>O<sub>2</sub> · HCl  
 Formula Weight: 224.69 g/mol



TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Infrared spectrum	Conforms to Structure
Water (by Karl Fischer)	≤ 4 %
0.5 mol/mol	
Carbon (anhydrous)	36.7 - 38.2 %
Nitrogen (anhydrous)	24.4 - 25.4 %
Specific Rotation	15 - 20 °
C = 1, 1 M HCl, 25 deg C	
Purity (TLC)	≥ 98 %
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear to Slightly Hazy
50 mg/ml, H <sub>2</sub> O	
Recommended Retest Period	-----
5 years	

Specification: PRD.0.ZQ5.10000063034

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.