

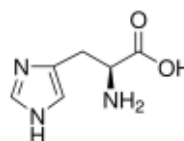
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## Product Specification

Product Name:  
L-Histidine - ReagentPlus<sup>®</sup>, ≥99% (TLC)

**Product Number:** H8000  
**CAS Number:** 71-00-1  
**MDL:** MFCD00064315  
**Formula:** C<sub>6</sub>H<sub>9</sub>N<sub>3</sub>O<sub>2</sub>  
**Formula Weight:** 155.15 g/mol



TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
50 mg/ml, 0.5 M HCl	
Carbon	45.9 - 47.4 %
Nitrogen	26.8 - 27.3 %
% Purity (TLC)	≥ 99
Specific Rotation	12.6 - 14.0 °
(c = 11 in 6 M HCl at 25 deg C)	
Recommended Retest Period	-----
5 years	

Specification: PRD.1.ZQ5.10000009060

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.