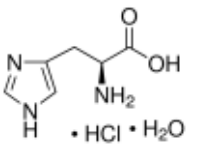
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Product Specification

Product Name:
L-Histidine monohydrochloride monohydrate – ≥98% (HPLC)

Product Number:	**H8125**
CAS Number:	5934-29-2
MDL:	MFCD00151027
Formula:	C6H9N3O2 · HCl · H2O
Formula Weight:	209.63 g/mol



TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Very Faint Yellow
Solubility (Turbidity) 50 mg/ml H2O	Clear
Infrared spectrum	Conforms to Structure
Loss on Drying	≤ 10 %
Carbon	33.7 - 35.1 %
Nitrogen	19.6 - 20.4 %
Specific Rotation (c = 1 in 6 M HCl at 25 deg C)	8.9 - 10.5 °
Purity (HPLC)	≥ 98 %
Recommended Retest Period 6 years	----------

Specification: PRD.2.ZQ5.10000063059

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.