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Product Specifications

Catalogue Number	06285
Product	L-Histidinol dihydrochloride (S)-2-Amino-3-(4-imidazolyl)propanol dihydrochloride
CAS Number	1596-64-1
Molecular Formula	C ₆ H ₁₁ N ₃ O·2HCl
Molecular Weight	214.16

Appearance	White powder or crystalline powder
Solubility	Clear, colorless solution (50 mg/mL in 50% Methanol)
Melting Point	197 - 202 °C
Water Content (Karl Fisher)	≤ 1%
TLC System	Methanol/Chloroform/Ammonia 17% (2:2:1) Isopropanol/Ammonia conc. (1:1) n-Butanol/Acetic acid/Water (4:2:2) Plate : Silicagel 60 F ₂₅₄ Detected by : UV, ninhydrin, Chlorine-Tolidine
Assay	≥ 98% (Elemental analysis)
Purity by TLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only