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Certificate of Analysis

Catalogue Number	06285
Product	L-Histidinol dihydrochloride
Lot Number	000127-1000077366 (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
Solubility	Clear, colorless solution (50 mg/mL in 50% Methanol)
Melting Point	198 °C
Anion	Chloride content : 33.7% (Titration)
Water Content (Karl Fisher)	0.5%
TLC System	Isopropanol/Ammonia conc. (1:1) Methanol/Chloroform/Ammonia 17% (2:2:1) n-Butanol/Acetic acid/Water (4:2:2) Plate: Silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, TMB
Related Substances	H-His-OH : < 0.2%
Assay	98.7% (Nfd : 19.37%, Elemental analysis)
Purity by TLC	> 99%
Storage	Store at 0-8 °C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager