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Product Specifications

Catalogue Number	00179
Product	L-Histidine L-His-OH
CAS Number	71-00-1
Molecular Formula	C ₆ H ₉ N ₃ O ₂
Molecular Weight	155.2

Appearance	White crystals or crystalline powder
Anion	Chloride (Cl ⁻) : ≤ 0.05% Sulfate (SO ₄ ²⁻) : ≤ 0.03%
Cation	Iron (Fe) : ≤ 30 ppm
pH	7.0 - 8.5
Optical Rotation	[α] _D ²⁰ = 12.6 - 14.0 °
Loss on Drying	≤ 0.2% (105 °C, 3h)
Related Substances	Individual impurities : ≤ 0.5% Total impurities : ≤ 2%
Residue On Ignition	≤ 0.4%
Assay	98.5 - 101.5% (Dried basis)
Grade	Meets USP Specification
Storage	Store at RT
Additional Information	Identification : Test for A : Infrared spectrum : Conforms to structure

For Laboratory Use Only