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Certificate of Analysis

Catalogue Number 02188
Lot Number 120327-12107
Product *N*^α-*N*^{im}-Bis-Z-L-histidine

Z-L-His(Z)-OH

Molecular Formula C₂₂H₂₁N₃O₆

Molecular Weight 423.4

Appearance White powder

Solubility Clear solution (0.3 gram in 2 ml DMF)

Melting Point 93.6-94.8 °C

Water Content (Karl Fisher) 0.66%

Optical Rotation [α]_D²⁰ = +10.5° (C=1 in H₂O)

Infrared Spectrum Conforms to structure

Analysis by Mass Spectra Conforms to structure

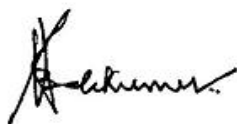
¹H NMR Conforms to structure

Purity by HPLC 98.58%

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