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Certificate of Analysis

Catalogue Number	02911
Product	<i>N</i>^{im}-Trityl-histidine
Lot Number	000424-211018-10983
	L-His(Trt)-OH
CAS Number	35146-32-8
Molecular Formula	C ₂₅ H ₂₃ N ₃ O ₂
Molecular Weight	397.48

Appearance	White powder
Solubility	Clear solution (0.3g in 2mL AcOH)
Melting Point	199.6 - 202.3 °C
Water Content (Karl Fisher)	3.98%
Optical Rotation	[α] _D ²⁰ = 30 ° (C=1 in AcOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	1.52% (90 °C at 2 h)
¹H NMR	Conforms to structure
Purity by HPLC	99.72%
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