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Certificate of Analysis

Catalogue Number	06071
Product	<i>N</i>^{im}-Benzyl-L-histidine
Lot Number	000424-200615-16817
	L-His(Bzl)-OH
CAS Number	16832-24-9
Molecular Formula	C ₁₃ H ₁₅ N ₃ O ₂
Molecular Weight	245.28

Appearance	White powder
Solubility	Clear solution (0.1 g in 2 mL 1N HCl)
Melting Point	233.6 - 238.9 °C
Water Content (Karl Fisher)	0.99%
Optical Rotation	[α] _D ²⁰ = 20.6 ° (C=1 in 1N HCl)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.58% (105 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.32%
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