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Certificate of Analysis

Catalog Number	02186
Product Name	Z-His-OH N ^α -(Benzyloxycarbonyl)-L-histidine
Lot Number	0543453
CAS Registry Number	14997-58-1
Molecular Formula	C ₁₄ H ₁₅ N ₃ O ₄
Molecular Weight	289.29
Melting Point	168°C
Appearance	White powder
Specific Rotation (α²⁰_D)	-24.7° (3% in 6N HCl)
CHN Analysis	Found C=58.22%, H=5.41%, N=14.53% Theory C=58.13%, H=5.23%, N=14.53%.
Assay (TLC)	Purity by TLC.....>99%
Chloroform/Methanol/Acetic acid 32% (v/v/v) 5/3/1	detected by: UV, Ninhydrin, Chlorine-tolidine
Ethylacetate/Pyridine/Acetic acid /H₂O 60/60/12/36 (v/v/v/v)	
n-Butanol/Acetic acid/H₂O 4/2/2 (v/v/v)	
Plate Silicagel 60 F₂₅₄	
Remarks	See material safety data sheets for additional information. For laboratory use only.

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



Sashi Kumar
Quality Control Manager