

Certificate of Analysis

Date of Testing: 2024-04-11 09:05:10
Date of Next Testing: 2028-04-10 09:05:10
Product Name: **L-Carnosine**
CAS Number: 305-84-0
Specifications & Purity: Moligand™, ≥98%
Lot #: D2403138
SKU #: **C106843**
Version: **1**
Analysis #: **319696**
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=2 H ₂ O)	19.8-22.2 (°)	21.18°
Purity(HPLC)	98-100 (%)	98.03200%
Purity(Nonaqueous Titration)	98-102 (%)	99.62%
Histidine	0-0.5 (%)	0.40%
Appearance (C106843)	White to Off-White Powder	White to Off-White Powder
Solubility in H ₂ O , Colorless to Faint Yellow Clear to Hazy 20mg/ml	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager