

Certificate of Analysis

Date of Testing: 2024-11-11 10:09:26

Date of Next Testing: 2028-11-10 10:09:26

Product Name: **L-Carnosine**

CAS Number: 305-84-0

Specifications & Purity: Moligand™, ≥98%

Lot #: K2405448

SKU #: **C106843**

Version: **1**

Analysis #: **426047**

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 (°)	20.67°
Purity(HPLC)	98-100 (%)	98.09300 %
Purity(Nonaqueous Titration)	98-102 (%)	100.84 %
Histidine	0-0.5 (%)	0.50 %
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