

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-11 10:08:45  
Date of Next Testing: 2028-11-10 10:08:45  
Product Name: **L-Carnosine**  
CAS Number: 305-84-0  
Specifications & Purity: Moligand™, ≥98%  
Lot #: K2405446  
SKU #: **C106843**  
Version: **1**  
Analysis #: **426047**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /D(c=2 H <sub>2</sub> 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 <sub>2</sub> 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