

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-30 09:14:27  
Date of Next Testing: 2027-06-29 09:14:27  
Product Name: **L-Carnosine**  
CAS Number: 305-84-0  
Specifications & Purity: 98%  
Lot #: F2316140  
SKU #: **C106843**  
**Analysis: 097345**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.54300%
Purity(Nonaqueous Titration)	98-102 (%)	99.70%
Histidine	0-0.5 (%)	0.00%
Specific Rotation [α] <sub>20</sub> /D(c=2 H <sub>2</sub> O)	19.8-22.2 (°)	19.81°
Appearance (C106843)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless to Faint Yellow Clear to Hazy 20mg/ml	pass	Pass



John Su  
QA & QC Manager