

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-20 11:51:57
Date of Next Testing: 2026-07-19 11:51:57
Product Name: **L-Carnosine**
CAS Number: 305-84-0
Specifications & Purity: 98%
Lot #: G2216141
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 $[\alpha]_{20/D}(c=2 \text{ H}_2\text{O})$	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 ₂ O , Colorless to Faint Yellow Clear to Hazy 20mg/ml	pass	Pass



John Su
QA & QC Manager