

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-31 10:06:09

Date of Next Testing: 2027-08-30 10:06:09

Product Name: **L-Carnosine**

CAS Number: 305-84-0

Specifications & Purity: Moligand™, ≥98%

Lot #: H2328386

SKU #: **C106843**

Version: **1**

Analysis #: **263288**

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 (°)	20.57100°
Purity(HPLC)	98-100 (%)	98.56700%
Purity(Nonaqueous Titration)	98-102 (%)	99.93600%
Histidine	0-0.5 (%)	0.48000%
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