

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-10 11:56:30
 Date of Next Testing: 2027-10-10 11:56:30
 Product Name: **N-Acetyl-L-carnosine**
 CAS Number: 56353-15-2
 Specifications & Purity: Animal Free, Low Endotoxin, for cell culture, ≥99%
 Lot #: J2408516
 SKU #: **N665002**
 Version: **2**
 Analysis #: **413969**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	99-100 (%)	99.50700 %
Drying loss	0-6.5 (%)	5.14608 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	24.5-27.5 (°)	24.95400 °
Heavy metals	0-10 (ppm)	0.00000 ppm
Endotoxin	0-10 (EU/g)	0.50000 EU/g
Total Plate Count(Include Total aerobes counts and yeast&mold and Salmonella and E.Coli)	0-100 (cfu/g)	30.00000 cfu/g
Appearance(N665002)	White to Off-White Solid	White to off-white solid
LC-MS for identification	Conforms	Conforms
Solubility in Water	Pass	Pass
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager