

Certificate of Analysis

Date of Testing: 2024-12-24 10:42:33

Date of Next Testing: 2027-12-24 10:42:33

Product Name: **N-Acetyl-L-carnosine**

CAS Number: 56353-15-2

Specifications & Purity: Animal Free, Low Endotoxin, for cell culture, ≥99%

Lot #: L2423534

SKU #: **N665002**

Version: **2**

Analysis #: **449400**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	99-100 (%)	99.81 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	24.5-27.5 (°)	24.82 °
Heavy metals	0-10 (ppm)	0.00 ppm
Drying loss	0-6.5 (%)	6.48000 %
Endotoxin	0-10 (EU/g)	3.71000 EU/g
Total Plate Count(Include Total aerobes counts and yeast&mold and Salmonella and E.Coli)	0-100 (cfu/g)	80.00000 cfu/g
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
Appearance(N665002)	White to Off-White Solid	White to off-white solid
LC-MS for identification	Conforms	Conforms
Solubility in Water	Pass	Pass



John Su
QA & QC Manager