

Specification Sheet

Product Name: **N-Acetyl-L-carnosine**
Specifications & Purity: **Animal Free, Low Endotoxin, for cell culture, ≥99%**
SKU #: **N665002**

Parameter	Limit Values
Purity(HPLC area)	99-100 (%)
NMR Spectrum 1H	Conforms to structure
Appearance(N665002)	White to Off-White Solid
LC-MS for identification	Conforms
Drying loss	0-6.5 (%)
Solubility in Water	Pass
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	24.5-27.5 (°)
Heavy metals	0-10 (ppm)
Endotoxin	0-10 (EU/g)
Total Plate Count(Include Total aerobes counts and yeast&mold and Salmonella and E.Coli)	0-100 (cfu/g)