

# SPECIFICATION

## L-Carnosine Standard

for Amino Acid Analysis

REQUIREMENT	SPECIFICATION
Appearance	White, crystalline powder ~ powder
Solubility in water	to pass test
Specific rotation $[\alpha]_{D20}(c=2, H_2O)$ (after drying)	+19.8~+22.2°
Loss on drying at 105°C	max.1.0%
Suitability for amino acids determination	under investigation
Assay (volumetric analysis)	min.98.0%
Assay (subtracting method)	under investigation