

SPECIFICATION

L-Serine Standard

for Amino Acid Analysis

REQUIREMENT	SPECIFICATION
Appearance	White, crystals ~ crystalline powder
Solubility in water	to pass test
Specific rotation $[\alpha]_{D20}(c=10, \text{dil.HCl})$ (after drying)	+14.3~+15.5°
Loss on drying at 105°C	max.0.2%
Suitability for amino acids determination	to pass test
Assay (volumetric analysis)	min.99.0%
Purity (subtracting method)	min.99.0%