

# SPECIFICATION

## L-Valine Standard

for Amino Acid Analysis

REQUIREMENT	SPECIFICATION
Appearance	White, crystals ~ crystalline powder
Solubility in water	to pass test
Specific rotation $[\alpha]_{D20}(c=8, HCl)$ (after drying)	+27.0~+28.5°
Loss on drying at 105°C	max.0.2%
Suitability for amino acids determination	under investigation
Assay (volumetric analysis)	min.99.0%
Assay (subtracting method)	under investigation