

# SPECIFICATION

## L-Asparagine Monohydrate Standard for Amino Acid Analysis

REQUIREMENT	SPECIFICATION
Appearance	White, crystals ~ crystalline powder
Solubility in water	to pass test
Specific rotation $[\alpha]_{D20}(c=10, \text{dil.HCl})$	+30.3~+32.3°
Loss on drying at 130°C	11.5~12.5%
Suitability for amino acids determination	under investigation
Assay (volumetric analysis)	min.99.0%
Assay (subtracting method)	under investigation