

Code No.07-0544

## SPECIFICATION

### L-Glutamic Acid Standard

for Amino Acid Analysis

REQUIREMENT	SPECIFICATION
Appearance	White crystalline powder
Solubility in dil.hydrochloric acid	to pass test
Specific rotation $[\alpha]_{D20}(c=5, \text{dil.HCl})$	+31.5~+32.5°
Loss on drying at 105°C	max.0.2%
Suitability for amino acids determination	to pass test
Assay (volumetric analysis)	min.99.0%
Assay (subtracting method)	min.99.0%