

## SPECIFICATION

## L(-)-Phenylalanine Standard

for Amino Acid Analysis

REQUIREMENT	SPECIFICATION
Appearance	White, crystals ~ crystalline powder
Solubility in water	to pass test
Specific rotation [ $\alpha$ ]D <sub>20</sub> (c=2,H <sub>2</sub> O)	-33.4~-35.0°
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