

SPECIFICATION

L-Alanine Standard

for Amino Acid Analysis

| REQUIREMENT | SPECIFICATION |
|--|--------------------------------------|
| Appearance | White, crystals ~ crystalline powder |
| Solubility in water | to pass test |
| Specific rotation [α]D20(c=10,dil.HCl) (after drying) | +14.0~+15.0° |
| 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 |