

Code No.12-0559

SPECIFICATION

L(+)-Lysine Dihydrochloride Standard

for Amino Acid Analysis

| REQUIREMENT | SPECIFICATION |
|---|--|
| Appearance | White ~ pale brown, crystalline powder ~ powder or mass to pass test |
| Solubility in water | |
| Specific rotation $[\alpha]_{D20}(c=2, H_2O)$ | +14.0~+18.0° |
| Loss on drying at 105°C | max.0.5% |
| Suitability for amino acids determination | to pass test |
| Purity (subtracting method) | min.99.0% |
| Assay (volumetric analysis) | min.98.0% |