

SPECIFICATION

L(-)-Cystine Standard for Amino Acid Analysis

| REQUIREMENT | SPECIFICATION |
|--|------------------------------------|
| Appearance | White, crystalline powder ~ powder |
| Solubility in dil.hydrochloric acid | to pass test |
| Specific rotation [α]D20(c=2,dil.HCl) | -219~-224° |
| 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 |