

Code No.20-0356

SPECIFICATION

L-Tyrosine

Wako Special Grade

| REQUIREMENT | SPECIFICATION |
|---|--------------------------|
| Appearance | White, crystals ~ powder |
| Solubility in dil.hydrochloric acid | to pass test |
| Specific rotation [α]D20(c=5,dil.HCl) (after drying) | -11.3~-12.1° |
| Loss on drying at 105°C | max.0.2% |
| Residue after ignition (as sulfate) | max.0.05% |
| Chloride (Cl) | max.0.02% |
| Sulfate (SO4) | max.0.02% |
| Heavy metals (as Pb) | max.0.001% |
| Arsenic (As) | max.1ppm |
| Iron (Fe) | max.0.001% |
| Ammonium (NH4) | max.0.02% |
| Thin layer chromatography test | to pass test |
| Assay | min.99.0% |