

SPECIFICATION

L(-)-Cystine

Guaranteed Reagent

| REQUIREMENT | SPECIFICATION |
|---|------------------------------------|
| * Appearance | White, crystalline powder ~ powder |
| Assay | min.99.0% |
| Solubility in hydrochloric acid | to pass test |
| Specific rotation [α] _{D20} | -219~-224° |
| Loss on drying at 105°C | max.0.2% |
| Residue after ignition (as sulfate) | max.0.05% |
| Chloride (Cl) | max.0.01% |
| Sulfate (SO ₄) | max.0.02% |
| Heavy metals (as Pb) | max.0.001% |
| Arsenic (As) | max.1ppm |
| Iron (Fe) | max.0.001% |
| Ammonium (NH ₄) | max.0.02% |
| Foreign amino acids | to pass test |

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*:Additional test performed by Wako but not required by JIS