

Code No.01-1664

## SPECIFICATION

## L(+)-Ascorbic Acid Standard

for HPLC

| REQUIREMENT                                 | SPECIFICATION                        |
|---------------------------------------------|--------------------------------------|
| Appearance                                  | White, crystals ~ crystalline powder |
| Solubility in water                         | to pass test                         |
| Specific rotation [ $\alpha$ ]D20(c=10,H2O) | +20.5~+21.5°                         |
| Loss on drying at 105°C                     | max.1.0%                             |
| Residue after ignition (as sulfate)         | max.0.05%                            |
| Assay (volumetric analysis)                 | min.99.0%                            |
| Assay (HPLC)                                | min.99.0%                            |