

Code No.18-0161

# SPECIFICATION

## Riboflavin Standard

for High Performance Liquid Chromatography

| REQUIREMENT  | SPECIFICATION  |
|--|--|
| Appearance   | Reddish yellow,<br>crystalline powder ~ powder<br>to pass test |
| Solubility in sodium hydroxide solution                      |  |
| Specific rotation [ $\alpha$ ]D20 (after drying)             | -126~-142°   |
| Loss on drying at 105°C                                      | max.1.5%   |
| Residue after ignition (as sulfate)                          | max.0.3%   |
| Assay (molecular absorptiometric analysis)<br>(after drying) | min.98.0%  |
| Assay (HPLC)   | min.98.0%  |