

Code No.18-0058

## SPECIFICATION

## Riboflavin

for Electrophoresis

| REQUIREMENT                                      | SPECIFICATION                                  |
|--|--|
| Appearance                                       | Reddish yellow,<br>crystalline powder ~ powder |
| Solubility in sodium hydroxide solution          | to pass test                                   |
| Specific rotation [ $\alpha$ ]D20 (after drying) | -128~-142°                                     |
| Loss on drying at 105°C                          | max.1.5%                                       |
| Residue after ignition (as sulfate)              | max.0.1%                                       |
| Lumiflavin                                       | to pass test                                   |
| Assay (after drying)                             | min.98.0%                                      |