

Code No.04-2607

## SPECIFICATION

5 $\alpha$ -Dihydrotestosterone

for Biochemistry

| REQUIREMENT                                                           | SPECIFICATION                                                      |
|-----------------------------------------------------------------------|--------------------------------------------------------------------|
| Appearance                                                            | White ~ nearly white,<br>crystals ~ powder or mass<br>to pass test |
| Solubility in ethanol                                                 |                                                                    |
| Melting point                                                         | 178~183°C                                                          |
| Specific rotation [ $\alpha$ ]D20(c=5, 1,4-dioxane)<br>(after drying) | +25~+31°                                                           |
| Loss on drying at 105°C                                               | max.0.5%                                                           |
| Assay (capillary GC)                                                  | min.95.0%                                                          |