

Code No.02-1900

## SPECIFICATION

### Butorphanol Tartrate

for Biochemistry

| REQUIREMENT                                                              | SPECIFICATION               |
|--------------------------------------------------------------------------|-----------------------------|
| Appearance                                                               | White ~ pale brown,         |
| Solubility in methanol                                                   | crystalline powder ~ powder |
| Specific rotation [ $\alpha$ ]D <sub>20</sub> (c=0.4,CH <sub>3</sub> OH) | to pass test                |
| Water                                                                    | under investigation         |
| Assay (HPLC)                                                             | max.2.0%                    |
|                                                                          | min.98.0%                   |