

## SPECIFICATION

Chlorophenol Red- $\beta$ -D-galactopyranoside Sodium Salt  
for Molecular Biology

| REQUIREMENT                                  | SPECIFICATION                            |
|--|--|
| Appearance                                   | Red ~ brown, crystalline powder ~ powder |
| Solubility in water                          | to pass test                             |
| Water  | max.6.0%                                 |
| Specific rotation [ $\alpha$ ]D20(c=0.2,H2O) | under investigation                      |
| Chlorophenol red (C19H12Cl2O5S)              | max.0.1%                                 |
| Deoxyribonuclease                            | to pass test                             |
| Ribonuclease                                 | to pass test                             |
| Assay (HPLC)                                 | min.97.0%                                |