

Code No.25-0070

## SPECIFICATION

Y-27632

for Cell Culture

| REQUIREMENT                       | SPECIFICATION                             |
|-----------------------------------|---|
| Description                       | White ~ pale yellowish white, crystalline |
| Identification (1)                | powder or powder<br>to pass test          |
| Identification (2)                | to pass test                              |
| Clarity and color of solution     | to pass test                              |
| Specific rotation [ $\alpha$ ]D20 | +2.0~+10.0°                               |
| Assay (HPLC)                      | min.99.5%                                 |
| Residue on ignition               | max.0.1%                                  |
| Palladium (Pd)                    | max.10ppm                                 |
| Residual solvent                  | -   |
| Hexane                            | max.290ppm                                |
| Acetone                           | max.1000ppm                               |
| Methanol                          | max.3000ppm                               |
| Dichloromethane                   | max.600ppm                                |
| Toluene                           | max.890ppm                                |
| N,N-dimethylformamide             | max.880ppm                                |
| Benzene                           | max.2ppm                                  |
| Bacterial endotoxins              | less than 0.25EU/mg                       |
| Mycoplasma test                   | to pass test                              |
| Viable count test                 | to pass test                              |