



CERTIFICATE OF ANALYSIS

| | |
|--------------|---------------------------------|
| Product | Mutarotase (Aldose 1-epimerase) |
| Grade | N/A |
| Product Code | Y46226005 |
| Formula | N/A |
| MW | N/A |
| CAS# | N/A |
| Lot No | |

| Test Items | Specifications | Results |
|--|------------------|---------|
| Activity | Report | |
| Specific activity (at 25°C and pH 7.2) | >50 U/mg protein | |
| Contamination(as Mutarotase activity=100%) | | |
| Lactate dehydrogenase | < 0.1 % | |
| NADH oxidase | < 0.01 % | |
| Glucose oxidase | < 0.01 % | |
| Catalase | < 1.0 % | |
| Purified enzyme in solution (One ml of solution contains the following) | | |
| Protein | 2 ~ 20 mg | |
| K-PO4 | 0.01 ~ 0.1 mol/L | |
| Glycerol | 50 % | |
| pH | 7.0 ± 1.0 | |

Storage: -20°C