innovation diagnostic chemicals
17B Fota Business Park, Carrigtwohill, Cork T45EY16

PRODUCT SPECIFICATIONS

Product :	**Glycerophosphate oxidase**
Origin :	**Recombinant microorganism**
Code :	**GPO-800**
E.C. Number :	**1.1.3.21**
Nomenclature :	**sn-Glycerol-3-phosphate:oxygen 2-oxidoreductase**
Form :	**Yellowish powder**
Activity :	**≥ 15 u/mg**
Optimum temperature :	**45 °C**
Optimum pH :	**6.0 – 7.0**
Thermal stability :	**below 45 °C**
Unit definition :	**1 unit causes hydrolysis of 1 µM glycerol-3-phosphate/min at 37°C and pH 7.0**
Stability :	**12 months**
Storage :	**-20 °C**