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

PRODUCT SPECIFICATIONS

Product :	**Glucose-6-Phosphate Dehydrogenase**
Origin :	**Microorganism**
Code :	**G6P-890**
E.C. Number :	**1.1.1.49**
Nomenclature :	**D-Glucose-6-phosphate:$NADP^+$ oxidoreductase**
Appearance :	**White amorphous powder, lyophilized**
Activity :	**≥ 200 u/mg**
Contaminants :	**Creatine phosphokinase: ≤ $1x10^{-3}$ %** **6-Phosphogluconate dehydrogenase: ≤ $5x10^{-3}$ %** **Hexokinase: ≤ $1x10^{-2}$ %**
Unit definition :	**1 unit causes the oxidation of 1 µmol of NADH/min at 30°C and pH 7.5**
Stability :	**12 months**
Storage :	**-20 °C**