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

PRODUCT SPECIFICATIONS

Product :	**Glucose Oxidase**
Origin :	**Aspergillus niger**
Code :	**GOD-500**
E.C. Number :	**1.1.3.4**
Nomenclature :	**β-D-Glucose:oxygen 1-oxidoreductase**
Form :	**Yellow powder**
Activity :	**≥ 160 u/mg**
Contaminants :	**Catalase: ≤ 3 %**
Optimum pH :	**4.5**
Optimum temperature :	**40 - 50 °C**
Unit definition :	**1 unit will produce 1 µmol of H_2O_2/min at 25°C and pH 7.0**
Stability :	**12 months**
Storage :	**-20 °C**