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

# PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Product :** | **Cholesterol oxidase** |
| **Origin :** | **Recombinant microorganism** |
| **Code :** | **CHO-877** |
| **E.C. Number :** | **1.1.3.6** |
| **Nomenclature :** | **Cholesterol: oxygen oxidoreductase** |
| **Form :** | **Yellow to brownish freeze-dried powder** |
| **Activity :** | **≥ 25 u/mg** |
| **Optimum temperature :** | **50 °C** |
| **Optimum pH :** | **6.5 – 8.0** |
| **Thermal stability :** | **below 60 °C** |
| **Unit definition :** | **1 unit causes the hydrolysis of 1 µM cholesterol/min at 37°C and pH 7.0** |
| **Stability :** | **12 months** |
| **Storage :** | **-20 °C** |