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

PRODUCT SPECIFICATIONS

Product :	**Choline oxidase**
Origin :	**Alcaligenes sp.**
Code :	**COD-678**
E.C. Number :	**1.1.3.17**
Nomenclature :	**Oxygen 1-oxidoreductase**
Form :	**Yellowish amorphous powder**
Molecular weight :	**95,000**
Activity :	**≥ 10 u/mg**
Optimum temperature :	**40 - 45 °C**
Optimum pH :	**8.0 - 8.5**
Unit definition :	**1 unit generates 1 micromole of hydrogen peroxide/min at 37°C and pH 8**
Stability :	**12 months**
Storage :	**-20 °C**